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Dec. 9, 1992 • #103

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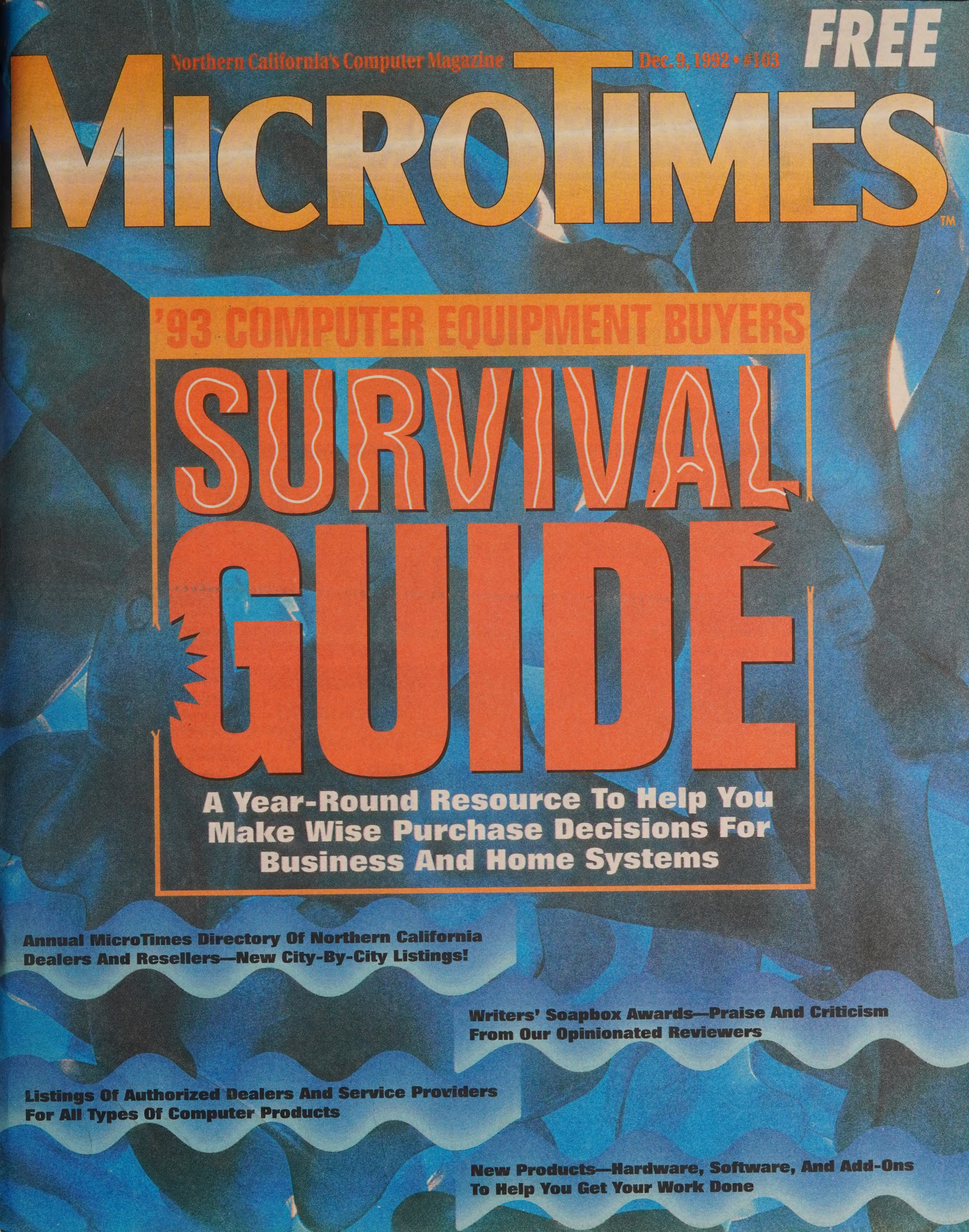

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A Year-Round Resource To Help You Make Wise Purchase Decisions For Business And Home Systems

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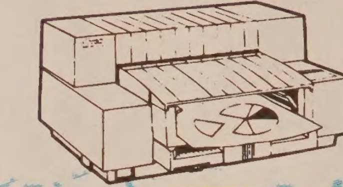

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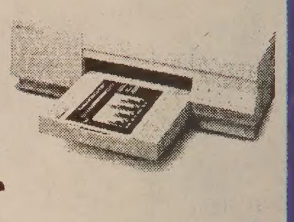

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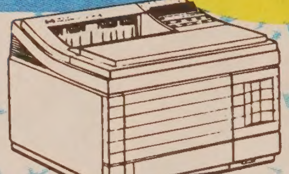

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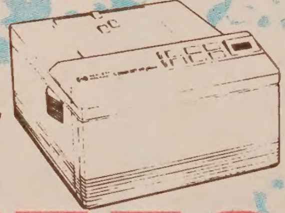

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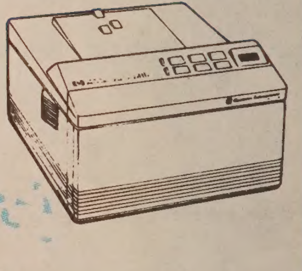

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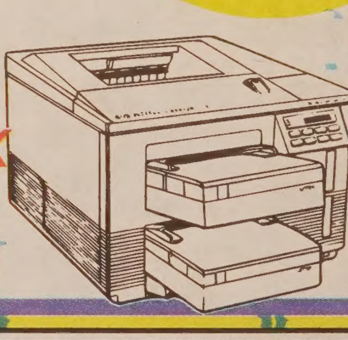

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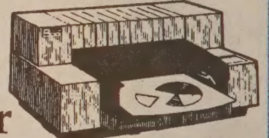

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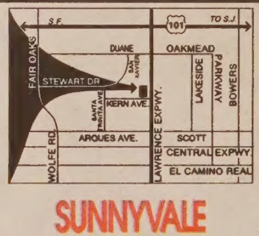
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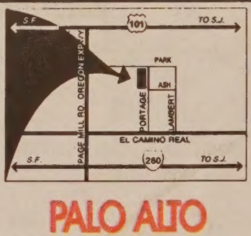
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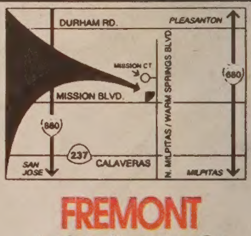
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Toshiba MK358FA, FH, 660MB, 16 ms	$995	**$695**

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Maxtor OC800, WORM media, 786MB, 512 byte	$79	**$49**
Maxtor OC1000-1024, Erasable optical disc, 1058MB, 1024 byte	$149	**$99**
Maxtor OC650, Erasable optical disc, 592MB, 512 byte	$129	**$95**
Maxtor RXT800HS, SCSI, WORM, drive	$595	**$495**
Maxoptix Tahiti I, SCSI optical drive, 1024MB, 35 ms	$1495	**$1395**

NEW CSC IDE and SCSI FastCache Controllers	Qty 1	Qty 10
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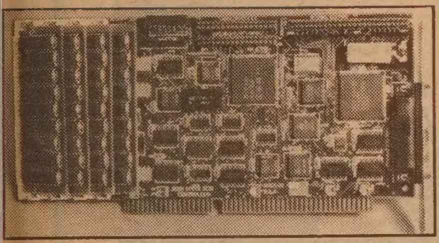
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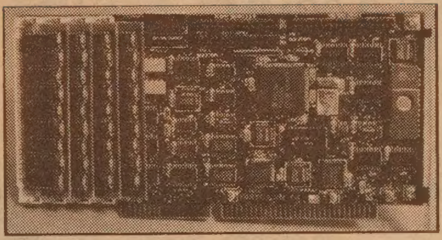
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DTC 6282-24, 16 bit, ESDI, HD/FD, 24 MBit, 32K cache	$129	**$120**
DTC 3280AS, 16 bit, SCSI, ASPI, w/Novell, OS2, CD-ROM drivers	$139	**$125**
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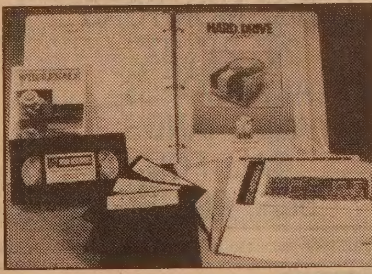

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Maxtor 8800E, FH, 660MB, 13 ms, 1 year	$895	**$849**
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Maxtor 8760SR, FH, 660MB, 16.5 ms, 1 year	$895	**$695**
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Maxtor LXT340A, 3.5", 340MB, 15 ms, 1 year	$795	**$719**

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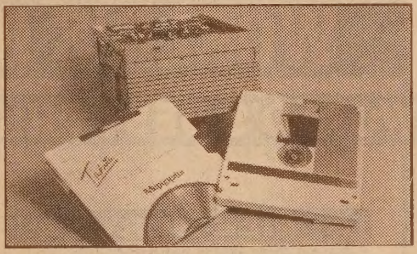
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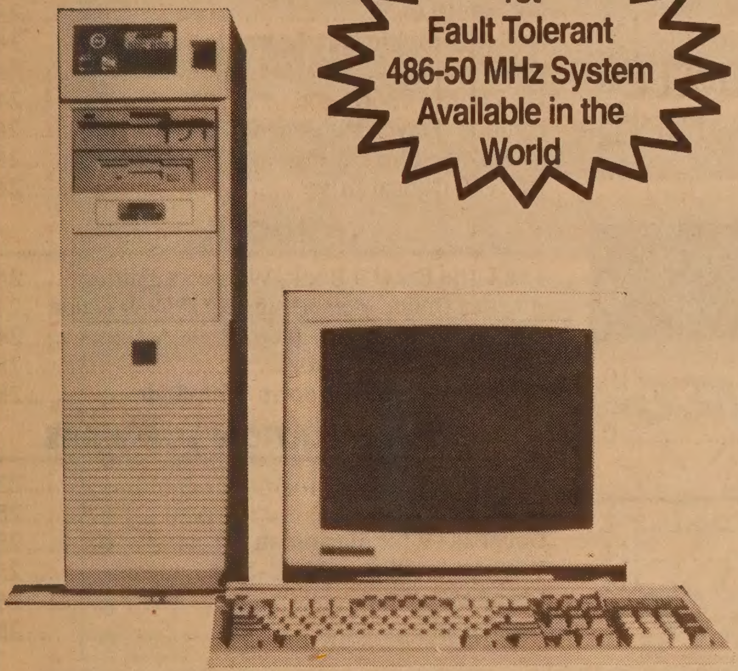

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1993

A Valuable
Year-Round
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486-50Mhz	$1539	$1639
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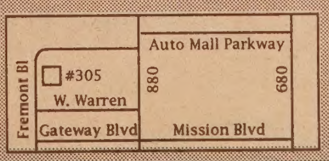

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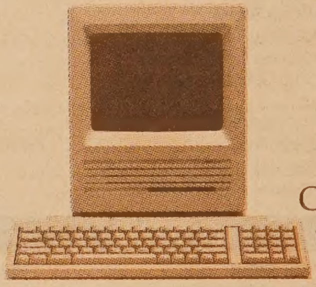

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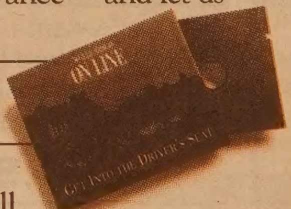

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16 million colors, 1280x1024 resolution (1MB)

Best Buy high performance SVGA card	**$95**
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DESKTOP TV Card	**$199**
QUICKPATH EVOLUTION 486DX2-66MHz - True USA Made - Upgradable with ZIF socket	**$1075**

DO IT YOURSELF SPECIAL

Build a 386/33 MHz/ 64k SVGA Monitor System w/ 1MB, 2 Floppy Drives, 40MB Hard Disk	**$868**
4MB memory upgrade	**$100**
100MB HD upgrade	**$95**

MOTHERBOARDS

386SX 16 MHz	$85
386/33 MHz/ 64k cache	$155
386/40 MHz/ 64k cache	$190
486SX/25 MHz	$225
486/33 MHz/ 128k cache	$550
486DX2/50 MHz/ 128k cache	$620
486DX2/50 MHz/ 256k cache EISA	$880
486DX2/66 MHz/ 128k cache	$840

ACCESSORIES

Motorola PT-500 Cellular Portable Phone	$430
1.44MB Floppy Drive	$49
Everex 16 Bit VGA Card	$28
Winstar Hi Color Turbo SVGA Card (1MB)	$95
Domino Mouse	$13
Super VGA Monitor (1024x768)	$249
Non-interlaced VGA Monitor	$315
Everex 120/240MB Floppy Tape Drive	$190/255
9600 2400 Fax/Data Modem	$69
BitFax for Windows (Fax modem software)	$48
BitCom for Windows (Modem software)	$48
BitFax/OCR Turn fax into editable copy	$69
Brother 9-pin Printer	$135
486/33/120MB Notebook	$2400
Everex Tempo LX--60 Notebook/3MB	$1485
Mitsumi CD-ROM w/ 6 titles	$350
Sony Internal CD-ROM w/ software pkgs.	$450
Sound Commander EX (Soundblaster & AdLib Comp.)	$85
Hard Disks & Much, Much More	$CALL

Prices subject to change w/o notice. Not responsible for typographical errors.
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(510) 682-8934
Cnr of John Glenn & Burnett
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San Francisco, CA 94118
(415) 668-9311
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Emeryville, CA 94608
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Hayward, CA 94545
(510) 732-0377
Industrial and Hwy. 92

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480 Redwood St., Ste. 41
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Domino

COMPUTER SELF SERVICE CENTERS

MICROTIMES 1993

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Year-Round
Reference

Guide to Northern California Computer Resellers

Whether you're buying your first system or networking a large office, it's often hard to find a computer dealer in your area who can address your particular needs.

Our annual reseller guide is a year-round resource to help you with your current and future computer shopping. Whether it's Macs in Milpitas or Suns in Sunnyvale, Windows in Walnut Creek or clones in Cupertino, the merchants listed here are ready to help.

In addition to city-by-city listings of dealers, VARs and superstores, we've included a special section of vendor-authorized service providers, so if you're looking for support and training for a particular product, you can choose a source with confidence.

DIRECTORY:

See page 10 for a complete index of city listings.

Alameda

SweetWARE

Store manager: David Dunetz
1906 B Alameda Ave.
Alameda, CA 94501
(510)814-8800

Areas of Specialty (and In-House Specialist): Small PICS (David Dunetz); Order Entry (David Dunetz); Production Control Module (David Dunetz)

Operating Systems Supported: MS-DOS

Top-Selling Brands in 1992: SweetWARE

Special Value-Added Services: Cost-effective software for wholesalers and manufacurers that runs on PCs. Unlimited free telephone support. 45 day money back guarantee.

Alamo

Advanced Data Systems

Store manager: David Hartman
3158 Danville Blvd.
Alamo, CA 94507
(510)830-2946 Fax: (510)830-9102

Areas of Specialty (and In-House Specialist): Novell/ LANtastic Networks (David Hartman); MS-DOS/Windows applications (David Hartman) ; Communications Application (David Hartman)

Operating Systems Supported: MS-DOS, Windows, Windows NT

Top-Selling Brands in 1992: Hewlett Packard, Okidata, Microsoft

Special Value-Added Services: We feature the lowest priced 386 & 486 PCs in the valley with an emphasis on providing exceptional and individual service and support.

Albany

Monarch Computers

Store manager: Sunil Ajmani
863-B San Pablo Ave.
Albany, CA 94706
(510)526-7741 Fax: (510)526-7859

Areas of Specialty (and In-House Specialist): Networking (Staff); Accounting Programs (Staff)

Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Amiga, Novell, LANtastic

Top-Selling Brands in 1992: Conner Hard Drives, Maxtor Hard Drives

Special Value-Added Services: Complete sales and support staff. We carry memory upgrades for all computer makes and models. Complete warranty, in-house repair.

◆ MACINTOSH AND PC COMPATIBLE ◆

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MacWEEK 1/20/92

NEW LOW PRICE!

Just $995

If you've been waiting for just the right combination of speed, PostScript® compatibility and price to buy a new laser printer, wait no more! Now the LX-29000™ from the Printer Works is just $995!

✔ Very fast with Microsoft's Windows 3.1!

Thanks to a powerful AMD 29000 32-bit RISC processor and the ability to rasterize TrueType fonts in native mode, the LX-29000 is a dazzlingly fast performer with Microsoft's Windows 3.1.

✔ PostScript® & HP LaserJet compatible!

The LX-29000 comes with 35 typefaces and uses Microsoft's TrueImage for full compatibility with PostScript, the professional standard for graphics and typesetting. It accepts Adobe Type 1 and 3 fonts as well as TrueType fonts. It works great with Windows 3.X, Apple System 7 and all Mac and PC software that supports PostScript or TrueImage printing. And its HP emulation easily handles non-PostScript printing.

✔ Uses Canon's dependable LX engine

The LX-29000 uses the same lightweight, small-footprint, 300 dpi, 4 ppm Canon LX engine used by HP, Apple and QMS, so supplies and service are never a problem. And Canon's patented all-in-one cartridge eliminates all that toner mess!

✔ For PC, Mac and Others!

Prints from your IBM PC or Macintosh via Centronics, RS-232C or AppleTalk interfaces. Interface selection is automatic. The LX-29000 comes with 2 megabytes RAM, a universal paper tray and a toner cartridge.

✔ Printers are our business!

We've been in business since 1982, so you can be assured that we know printers. Our prices are lower than most because we sell directly to you—no middleman! We offer a full 30-day money-back guarantee, a one year warranty on all parts and labor, plus free phone support.

PC World said "...the LX-29000 delivers graphics quickly, finishing first on our PageMaker and Excel tests."

Publish magazine said "Not only does this direct-mail printer carry the smallest price tag of the six printers we tested, but we found that it prints the cleanest text as well as sharp, smooth graphics."

MicroTimes said "...(If you are) searching for a 'faster! better! cheaper!' laser printer...examine this printer"

Postscript Printer Comparison Chart

	Engine	RISC Processor	Simultaneous Interfaces	Universal Paper Tray	Money Back Guarantee	Street Price	Price Difference
LX-29000	Canon	YES	YES	YES	YES	$995	
NEC Model 95	Minolta	NO	YES	YES	NO	$1,450	$455
QMS-PS 410	Canon	NO	YES	YES	NO	$1,480	$485
HP IIIp w/Postscript	Canon	NO	NO	YES	NO	$1,589	$594
Apple Personal NTR	Canon	YES	YES	YES	NO	$1,679	$684
IBM 4029/8P	Lexmark	NO	NO	NO	NO	$1,695	$700

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1993 MicroTimes Guide to Northern California Computer Resellers

Belmont

Cost-Effective Solutions, Inc.

Store manager: Bruce Grant
555 O'Neil Ave., Ste. 16
Belmont, CA 94002
(415)595-0310 Fax: (415)591-4510
Areas of Specialty (and In-House Specialist): Insurance Agençy Applications (Bruce Grant); Small Networks (Bruce Grant)
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: Microsoft, Borland, Central Point
Special Value-Added Services: Software customization, user-friendly menus. Free telephone support for short calls (15 min.) from clients.

Benicia

Ryno Computer

Store manager: Steven Kaplan
4253 Park Rd.
Benicia, CA 94510
(510)685-8080
Areas of Specialty (and In-House Specialist): Networking (Staff); Imaging (Staff)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, UNIX, Novell
Top-Selling Brands in 1992: DTK, Novell, HP
Special Value-Added Services: Complete training center with 14 Station network. On-site service, leasing, return upgrade policy.

Berkeley

Berkeley Integration Group

Store manager: Serge Wilson
2152 Russell St.
Berkeley, CA 94705
(510)548-5678 Fax: (510)548-8945
Areas of Specialty (and In-House Specialist): MS Windows (Serge Wilson); Novell Netware, 3rd Party (Serge Wilson)
Operating Systems Supported: MS-DOS, OS/2, Windows, Macintosh, UNIX
Top-Selling Brands in 1992: Everex, ALR, OPTI
Special Value-Added Services: Network design, trouble-shooting and repair, PC upgrade and repair. On-site service options.

California Computer Options

Store manager: William Tom
2213 Shattuck Ave.
Berkeley, CA 94704
(510)486-8292
Areas of Specialty (and In-House Specialist): Networking (Staff); AutoCAD (Staff); dBase (Staff)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Macintosh, SCO, Novell, NeXT
Top-Selling Brands in 1992: Compaq, HP, DTK
Special Value-Added Services: 30 day on-site free on any system. We provide a complete list of comprensive services to keep your computers running. We have a full (30 day personal training class)

DeskTop Solutions

Store manager: Randy Noivo
2625 Alcatraz Ave., #121
Berkeley, CA 94705
(510)839-5655 Fax: call firSt
Areas of Specialty (and In-House Specialist): Windows (R. Noivo); DOS/Dr. DOS (Randy Noivo); Desktop Publishing (Gerald Lewis)
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: PC Compatibles
Special Value-Added Services: System consulting and configuration w/windows, software solutions.

Jarett Products Inc.

Store manager: Mark Jumaga
2426 Jefferson Ave.
Berkeley, CA 94703
(510)649-8597
Areas of Specialty (and In-House Specialist): Custom Retail Software; Custom Manufacturing Software
Operating Systems Supported: MS-DOS, Netware
Top-Selling Brands in 1992: Oracle products reseller
Special Value-Added Services: Custom programming, training and support.

M.A.C.

Store manager: Albert Ho
21561A University Ave.
Berkeley, CA 94704
(510)644-0500 Fax: (510)644-0584
Areas of Specialty (and In-House Specialist): Data Recovery (Staff); Multimedia (Staff); Education (Staff)
Operating Systems Supported: Macintosh, Ethernet
Top-Selling Brands in 1992: SuperMac, NEC, Quark
Special Value-Added Services: Rentals and leasing available. In-house repairs on all Macintosh products. Mac training, special educational sw pricing.

McTek Systems, Inc.

Store manager: Charles Lee
1521 San Pablo Ave.
Berkeley, CA 94701
(510)525-5129
Areas of Specialty (and In-House Specialist): Networking (Staff); dBase (Staff); Accounting (Staff)
Operating Systems Supported: MS-DOS, Windows, Windows NT, Macintosh, UNIX, Novell
Top-Selling Brands in 1992: Texas InStruments, Zenith, Compaq
Special Value-Added Services: Repairs, extended warranty, training, complete warranty.

MicroLink Data Systems

Store manager: Umar Hameed
2324 Shattuck Ave.
Berkeley, CA 94704
(510)540-8183/(800)969-8283 Fax: (510)540-8285
Areas of Specialty (and In-House Specialist): Multimedia (Umar Hameed); Novell (Tony Chan); SCO UNIX (Pearson Huang)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, UNIX, Novell
Top-Selling Brands in 1992: MDS Systems, Orchid, High Capacity
Special Value-Added Services: Software training, warranty 1-2-3. 1 year parts, 2 years motherboard, 3 years labor.

MicroWorld

Store manager: Bill Yerger
1514 University
Berkeley, CA 94703
(510)845-2000 Fax: (510)548-2119
Areas of Specialty (and In-House Specialist): Desktop Publishing (Bill Yerger); Sign cutting via plotter (Bill Yerger)
Operating Systems Supported: MS-DOS, Amiga, UNIX, Atari
Top-Selling Brands in 1992: MS-DOS Clones, Atari, Orchid
Special Value-Added Services: MicroWorld specializes in sales and training for beginners for home computing and in supplying and advising professionals in the print industry.

PC Ten

Store manager: Steve Lin
1533 Solano Ave.
Berkeley, CA 94707
(510)527-1388 Fax: (510)527-7006
Areas of Specialty (and In-House Specialist): Networking (Staff); Windows (Staff); WordPerfect (Staff)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Novell
Top-Selling Brands in 1992: Conner, Maxtor, Logitech
Special Value-Added Services: 2 year parts warranty, 5 year labor. Nationwide express on-site service. Networking services.

The Used Computer Store

Store manager: Bill Chin
2440 Shattuck Ave.
Berkeley, CA 94704
(510)548-8686 Fax: (510)548-1289
Areas of Specialty: Special-order software; Custom configurations; Older everything
Operating Systems Supported: MS-DOS, Macintosh, Apple II
Top-Selling Brands in 1992: IBM Compatibles, Mac, Apple II
Special Value-Added Services: Large showroom (6000 sq. ft.). Warranty on both new and used equipment, extended warranties, trade-ins, return policy. All since 1984.

UC Computer

Store manager: Anita Shure
2596 Telegraph Ave.
Berkeley, CA 94704
(510)540-0372 Fax: (510)540-5599
Areas of Specialty: Hardware; Accessories; Software
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, UNIX
Top-Selling Brands in 1992: ALR, AMI, UC
Special Value-Added Services: Consulting, extended warranty, on-site service support, training.

Uncle Ralph's

Store manager: Randy Calish
2569 Telegraph Ave.
Berkeley, CA 94704
(415)841-5280 Fax: (415)841-4743
Areas of Specialty (and In-House Specialist): Novell (Randy Claish/Philip Poon); LANtaStic (Randy Calish/Philip Poon); WordPerfect (Randy Calish/Phillip Poon)
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: Packard Bell, Touch, Panasonic
Special Value-Added Services: Same day computer repair, open 7 days a week, 30 day refund privilege. Low price guarantee. On-site service available.

Whole Earth Access

Store manager: Barbara Wilkinson-Witt
2990 7th St.
Berkeley, CA 94710
(510)845-3000 Fax: (510)845-9707
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Macintosh
Top-Selling Brands in 1992: Apple, Hewlett Packard, Toshiba
Special Value-Added Services: Service, training, support, extended warranties available. Demo days, seminars, best price guarantee, open weekends and evenings, wide assortment of products.

Whole Earth Access Corporate Sales

Store manager: Bill Taylor
2920 7th St.
Berkeley, CA 94710
(510)204-8800 Fax: (510)204-8810
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Macintosh

Continued on page 22

IN 486'S & NOTEBOOKS

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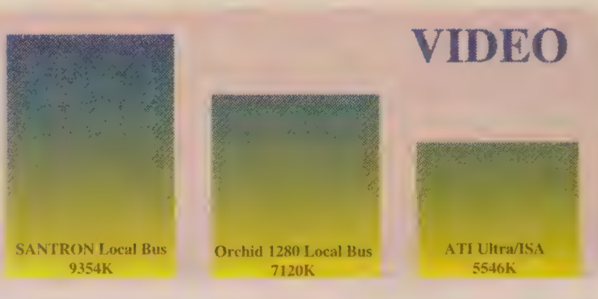
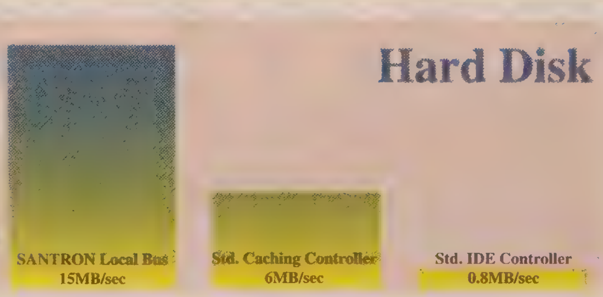
With Windows, our 32 Bit VESA local bus card provides up to 1280x1024 resolution and 32,768 colors.



Overall Windows Performance Test
WinMarks

At an affordable price, let you get the power and speed which exceeds EISA standards. Your graphics are processed at a speed up to 50 times faster than the standard SVGA. How is this possible? Most of the computers only have added graphics accelerators, however, their real-time speeds are still limited by their 8MHz 16-Bit AT bus. Santron's Local Bus processes video bypassing the bus bottleneck. This enables the 32-Bit graphics accelerator to connect directly to the 486 CPU - a real 32-Bit performance. What's more, Santron's Local Bus Systems have slots for a 32-Bit Local Bus hard disk controller for lightening fast data transfer rates of up to 100% faster - for a total 32-Bit video / hard disk solution. The built-in SPEED MASTER CONTROLLER will remove redundent workload off the CPU allowing your system to work more efficiently. What an unsurpassed performance!

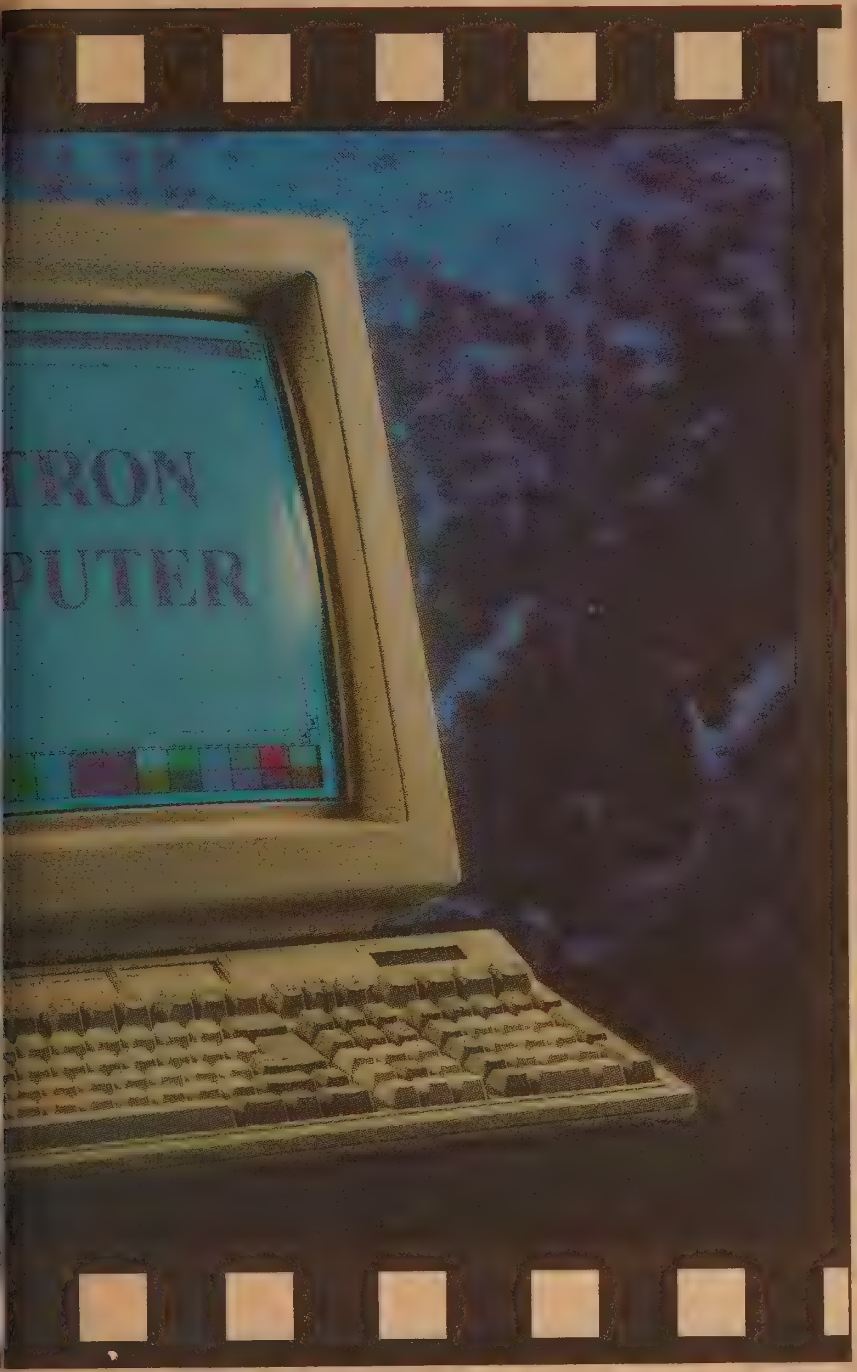
Our 32-Bit local bus controller out perform all other controllers and increase data transferring up to 20 times.



Overall Windows Performance Test
Core-Test

* The Intel Inside Logo is a trademark of Intel Corporation.

LOCAL BUS



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Enjoy your graphics at a speed up to 50 times faster than ever

- *Intel486™ Microprocessor with Built-in Math-CoProcessor*
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- *IDE Controller Card with 2 Serial/1 Parallel/1 Game Ports*
- *TEAC 1.2MB and TEAC 1.44MB Floppy Drives*
- *120MB 15MS Hard Drive with 64K Cache Memory*
- ***32-Bit ET-4000 1280 SVGA Card (1MB; 32,768 Colors)***
- ***Super VGA Monitor (0.28mm, 1024x768 Non-Interlaced)***
- ***Focus-9000 129-Key Programmable Keyboard***
- *Free Hi-Resolution 3-Button Mouse*
- *Free Microsoft DOS 5.0 and Microsoft Windows 3.1*

486DX-33 LOCAL BUS	**$1745**
486DX-50 LOCAL BUS	**$1945**
486DX2-50 LOCAL BUS	**$1795**
486DX2-66 LOCAL BUS	**$2045**

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DISPLAY UPGRADE

32Bit S3 Local Bus Video Card	$125
14" 1024NI to 15" 1280NI	$145

STORAGE UPGRADE

From 130MB to 210MB	$175
From 210MB to 340MB	$395
32Bit Local Bus SCSI Kit	$245

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Int. 9600Fax/2400Modem	$85
Multi-Media Kit	$525

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- *TEAC 1.2MB & 1.44MB Floppy Drives*
- *120MB 15MS Hard Disk with 64K Cache*
- *2H/2F IDE Controller*
- *2 Serial/1 Parallel/1 Game Ports*
- *Super VGA Card With 1MB RAM*
- *14" Non-Interlaced Super VGA Monitor (HITACHI Tube, 0.28mm, 1024x768)*
- *101-Key Enhanced Style Keyboard*
- *Free Hi-Res. 3-Button Mouse*
- *Free Microsoft DOS 5.0*
- *Free Microsoft Windows 3.1*

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COMPUTER

486DX-33	JUST $1575
486DX2-66	$1875
486DX-50	$1775
486SX-25	$1275

UPGRADES & OPTIONS

DISPLAY CARDS/MONITORS

Diamond Speedstar 24X	$125
Orchid Fahrenheit/Diamond Stealth	$185
ATI Graphic Ultra 1MB VRAM	$245
From 14" Monitor to 15" 1280NI	$145

Ask for *ViewSonic*, SONY, **MAG**, *NEC* and many more...

KEYBOARDS

From 101 to 129 Programable	$55

STORAGE DEVICES

From 120MB to 210MB	$150
From 210MB to 340MB	$395
COLORADO 120MB Tape Backup	$225
COLORADO 250MB Tape Backup	$285

Seasons Greetings

Santron Multi-Media "Super Fun"

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Multi-Media

Multi-Media turns your Santron Computer into a multi-dimensional audio-visual device. You can enjoy powerful presentations for entertainment and education with sight and sound effects.

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- √ *Entertainment and Education Software Available*

Add full multi-media capability to your Santron PC! For only $525, we'll install our multi-media package including listed software titles for your SUPER FUN.

SANTRON 386's

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SANTRON *386 PC's*

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- *Super VGA Card with 512K RAM*
- *14" 1024 SVGA Color Monitor*
- *101-Key Enhanced Keyboard*
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- *Free MS-DOS 5.0 & Windows 3.1*

386DX-33........ $1045

386SX-33/25.$915/895

- Upgrade to 1MB SVGA Card $35
- Upgrade to TiSeng 16Million Colors SVGA Card with 1MB RAM..... $160
- Upgrade to 120MB Hard Disk $85
- Upgrade to Non-Interlaced Super VGA Monior $95

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- *TEAC 1.2MB & TEAC 1.44MB Floppy Drives*
- *2 Serial/1 Parallel/1 Game Ports*
- *16Bit VGA Card with an External VGA Port*
- *110/220V Auto-Switchable Power Supply*
- *Free Hi-Resolution 3-Button Mouse*
- *Free Heary Duty Carrying Case*
- *Free Microsoft DOS 5.0 & Microsoft Windows 3.1*

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GAS PLASMA (1MB SVGA) ....+ $250
GAS PLASMA + (120:1 HI-CONTRAST) ..+ $500
COLOR LCD ....+ $1500

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1993 MicroTimes Guide to Northern California Computer Resellers

Continued from page 14

Top-Selling Brands in 1992: Apple, Hewlett Packard, Toshiba
Special Value-Added Services: Service, training, support, extended warranties available. Demo days, seminars, best price guarantee, open weekends and evenings, wide assortment of products.

Winners Circle

Store manager: Andy Jong
2618 Telegraph Ave.
Berkeley, CA 94704
(510)845-4823
Areas of Specialty (and In-House Specialist): Multimedia (Jack Palmatier); Desktop Publishing (Vince Steeb); Networking (Andy Jong)
Operating Systems Supported: MS-DOS, OS/2, Amiga, Macintosh, UNIX/XENIX, Atari
Top-Selling Brands in 1992: AST, Everex, Amiga
Special Value-Added Services: On-site service, free training, BBS, free technical support, user groups, public domain library.

Burlingame

California Computer Show & Sale

Store manager: Joe Milligan
330 Primrose Rd., Ste. 303
Burlingame CA 94010
(415)340-9114 Fax: (415)344-0947
Areas of Specialty: Computer Trade Show
Operating Systems Supported: MS-DOS, OS/2, Amiga, Macintosh, UNIX
Top-Selling Brands in 1992: IBM Compatible, Peripherals, Name Brands
Special Value-Added Services: The widest selection of merchandise at the lowest possible prices in the USA.

Computer Spectrum of Burlingame

Store manager: Nancy Doss
1243 Howard Ave.
Burlingame, CA 94010
(415)347-4576 Fax: (415)347-3840
Areas of Specialty (and In-House Specialist): Amiga video (Robert Luster); Interactive Multimedia (Gary Doss)
Operating Systems Supported: MS-DOS, Windows, Amiga
Top-Selling Brands in 1992: Amiga, Spectrum 486PC, Star Printer
Special Value-Added Services: Computer Spectrum is a full service computer dealer specializing in small business networks, video systems, and interactive multimedia.

LAN Solutions

Store manager: Yung-I Chu
25 Castle Ct.
Burlingame, CA 94010
(415)579-1004 Fax: (415)343-5617
Areas of Specialty (and In-House Specialist): Novell Netware (Yung-I Chu); Windows (Yung-I Chu); DOS Applications (Yung-I Chu)
Operating Systems Supported: MS-DOS, Windows, Windows NT, Macintosh, Novell
Top-Selling Brands in 1992: AST, ACER, Micronics
Special Value-Added Services: Novell Network installation, design, & service. Custom system design, needs analysis, and troubleshooting.

Sunlight Computers & Supplies

Store manager: Bernard Ho
6 Adrian Ct.
Burlingame, CA 94010
(415)692-0711 Fax: (415)692-0712
Areas of Specialty (and In-House Specialist): 486, 386 IBM Compatible (Bernard/Barry); Maxtor, Con-Hard Disk (Bernard/Barry); Video Cards (Kathy)
Operating Systems Supported: MS-DOS, OS/2, Windows, Amiga, UNIX/XENIX, Novell
Top-Selling Brands in 1992: Citizen Printers, 486 Systems, Hard Disk, Maxtor, Conner
Special Value-Added Services: We provide best quality, best technical support, best prices. Come and join thousands of satisfied customers.

Campbell

Domino Computer

Store manager: Demessen
486 E Campbell Ave., Ste. 102
Campbell, CA 95008
(408)374-7477 Fax: (408)374-3240
Areas of Specialty: Customized Computer System
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: Spear, Everex
Special Value-Added Services: Build your own computer in our store, instant service and repair.

Griffon Software and Games

Store manager: Neil Humphries
1707 B South Bascom Ave.
Campbell, CA 95008
(408)371-0321
Areas of Specialty (and In-House Specialist): Apple II Series Computers (David Hinkley); Entertainment Software (David Hinkley)
Operating Systems Supported: MS-DOS, Windows, Amiga, Macintosh, Apple II, Commodore 64
Top-Selling Brands in 1992: Electronic Arts, Strategic Simulations Inc., Strategic Studio Group
Special Value-Added Services: We provide repair services for Apple II, Macintosh, MS-DOS, Commodore 64/128 and Kaypro CP/M Computers, monitors and printers. Free introductory training for Apple II, MS-DOS and Macintosh.

Capitola

Libre Service Computer, Inc

Store manager: Danny Wong
1220 41St Ave., Unit G
Capitola, CA 95010
(408)479-7319 Fax: (408)479-4316
Areas of Specialty (and In-House Specialist): Novell (Jeff Chang); LANtaStic (Jeff Chang)
Operating Systems Supported: MS-DOS, OS/2, Windows, Novell
Top-Selling Brands in 1992: Libre Systems
Special Value-Added Services: Heavily service-oriented, plus we offer service contract. 3 year warranty. First year parts and labor on-site, 2nd and 3rd year labor only carry-in.

Carmichael

MicroLink Data Systems

Store manager: Abbas Sabbah
1644 Fair Oaks Blvd.
Carmichael, CA 95608
(916)488-8523
Areas of Specialty: Multimedia; Novell; SCO UNIX
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, UNIX, Novell
Top-Selling Brands in 1992: MDS Systems, Orchid, High Capacity
Special Value-Added Services: Warranty 1-2-3. 1 year parts, 2 years motherboard, 3 years labor.

Chico

Today Computers

Store manager: Dennis Riggs
2485 Notre Dame Blvd., #370
Chico, CA 95928
(916)345-3088 Fax: (916)345-3094
Areas of Specialty (and In-House Specialist): WordPerfect (Dennis Riggs); IBM Clone (Dennis Riggs)
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: Today Computers, Microsoft, WordPerfect
Special Value-Added Services: Service, training, 1 year parts and labor warranty.

Citrus Heights

Computer Support Services

Store manager: Henry Craighead
6060 Sunrise Vista Dr., MS 1325
Citrus Heights, CA 95610
(916)722-3114 Fax: (916)722-3116
Areas of Specialty (and In-House Specialist): Oracle Development (Mike Craighead); Novell/LANtaStic Networks (Mike Craighead); Paradox Development (Henry Craighead).
Operating Systems Supported: MS-DOS, Windows, AT&T, IBM/SAA
Top-Selling Brands in 1992: Motorola, Intel, Epson
Special Value-Added Services: We provide on-site service, Oracle/Paradox support and custom development, consulting as systems integrators.

Colma

Computerland of Serramonte

Store manager: Ramiro Moran
4941 Junipero Serra Blvd.
Colma, CA 94014
(415)994-1400 Fax: (415)994-1049
Areas of Specialty (and In-House Specialist): Macintosh-Apple products (Romiro Moran); IBM-DOS products (Tom Pratt); Network Applications (Dave Engelhard)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Macintosh
Top-Selling Brands in 1992: Apple, HP, Compaq
Special Value-Added Services: We offer carry-in & on-site service, network training, installation and support, warranty repairs on Apple, Compaq, IBM, HP, etc.

Concord

Aim Computers

Store manager: Kevin Leung
1741 C Clayton Rd.
Concord, CA 94520
(510)687-2822 Fax: (510)687-5276
Areas of Specialty: PageMaker
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, SCO, Novell
Top-Selling Brands in 1992: AMI, Micronics, Orchid
Special Value-Added Services: 5 year labor, 1 year parts and custom configuration, software installation.

American Lasertek

Store manager: Mark Chase
1301 Franquette Ave., Ste. C
Concord, CA 94520
(510)827-9220 Fax: (510)827-9226
Areas of Specialty Laser printer toner cartridges; Laser printer

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- Super VGA Card w/1M
- 14" Impression Plus SVGA Monitor (1024x768) .28 Dot Non-Interlaced
- 101 Enhanced Keyboard
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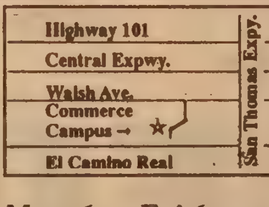

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- 101 Enhanced Keyboard
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- 1.2MB & 1.44MB Floppy Drives
- Western Digital 125MB (14ms) IDE HD
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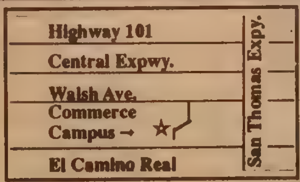

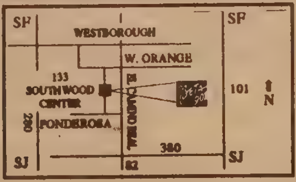

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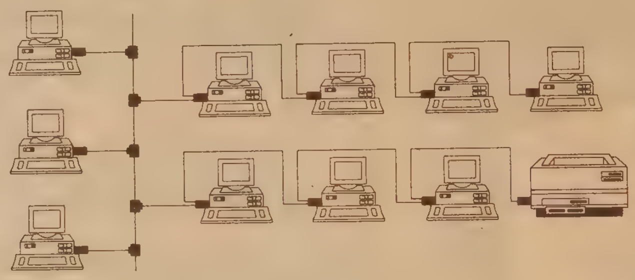

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Domino Computer

Store manager: Ron
1130D Burnett Ave.
Concord, CA 94520
(510)682-8934 Fax: (510)682-8940
Areas of Specialty: CuStomized Computer System
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: Spear, Everex
Special Value-Added Services: Build your own computer in our store, instant service and repair.

Nordic Computers

Store manager: Dennis Sorensen
5060 Commercial Cir.
Concord, CA 94520
(510)687-3050
Areas of Specialty (and In-House Specialist): Hardware
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, UNIX, Novell
Top-Selling Brands in 1992: Maxtor hard drives, Lite-on keyboards, ViewSonic monitors
Special Value-Added Services: Lifetime labor warranty. In-store repair service. Special corporate program. On-site available service.

Paradine Computer Systems

Store manager: Norman Houshangi
2958 Treat Blvd., #A
Concord, CA 94518
(510)825-6068 Fax: (510)825-5940
Areas of Specialty (and In-House Specialist): System Consulting & Configuring (Ari Houshangi); Medical Office Billings Systems (Ari Houshangi); Networking (Ari Houshangi)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT
Top-Selling Brands in 1992: Micronics, Viewsonic, Maxtor
Special Value-Added Services: 5 year labor, 1 year parts warranty. 5 years free labor on all upgrades to systems. Free two hour software installation. Very personal attention to customer's needs.

The Computer Shack

Store manager: Bob Hodge
5115-C Clayton Rd.
Concord, CA 94521
(510)798-6339
Areas of Specialty (and In-House Specialist): Boris/Realtors Listing (Bob Hodge)
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Special Value-Added Services: Computer support services, software and hardware installation and training, shareware distributor.

Whole Earth Access

Store manager: Steve Janigian
Willows Shopping Center
Concord, CA 94520
(510)686-2270 Fax: (510)686-5958
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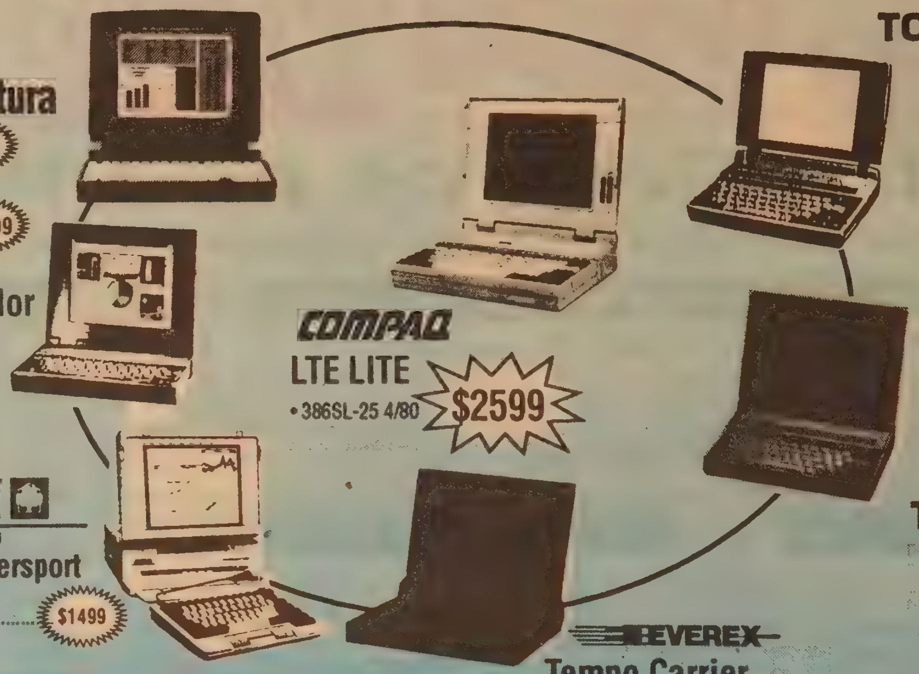

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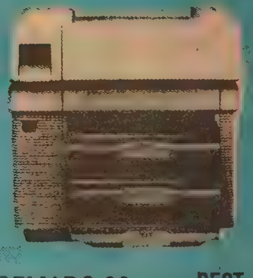

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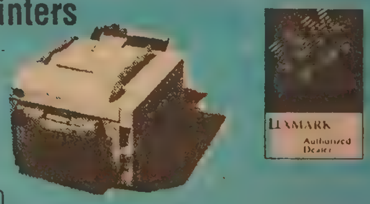

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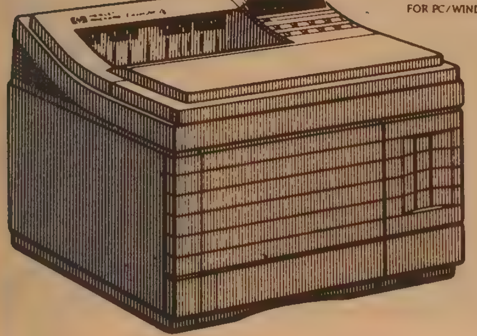

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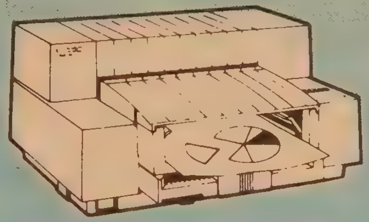
For PC/Windows Users

HP LASERJET 4 PRINTER
- Resolution Enhancement technology and microfine toner for superior output quality
- Fast 8 ppm printing for complex document
- 6MB memory standard
- Additional network capabilities (optional)

HEWLETT PACKARD

DESKJET 500, 500C, 550C



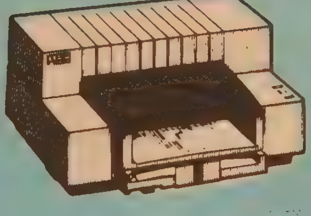
DeskJet 500 $379

DeskJet 500C $699

DeskJet 550C $499

550c
- 300 dpi printing
- 7 ppm in best mode
- Extremely quiet operation
- 3 year manufacturer's warranty

DESKWRITER 500, 500C, 550C



DeskWriter 500 $379*

DeskWriter 500C $499*

DeskWriter 550C $699

DW550c
- Affordable laser-quality printing
- 300 dpi color printing
- Wide variety of built-in fonts
- 3 year warranty

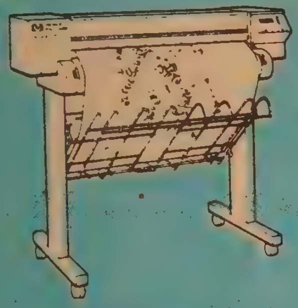
* Plus $50 Rebate

VECTRA 486/33N
- 4 MB
- 1.44 Floppy Drive
- UVGA
- 101KB

$1499

LaserJet IIIP Printer **$949**
- Superior 300-dpi print quality
- PCL5 allows you to scale type to thousands of sizes
- All the HP LaserJet III printer features in a compact size and at a low price
- Prints fonts, graphics and complex documents faster than other laser printers in its class

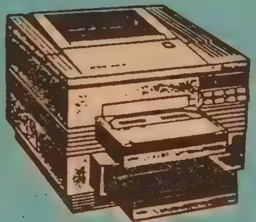
PC MAGAZINE EDITOR'S CHOICE

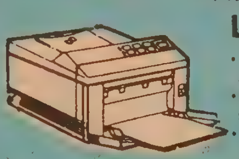


HP DesignJet 600 Plotter
- 600-dpi-quality enhanced mode output
- 300-dpi-quality draft mode output
- E-size final quality 300 dpi plots on plain paper in under 6 minutes

CALL!

LaserJet IIIsi Printer
- Fast 17-ppm printing
- 300DPI resolution
- HP PCLS language
- Networkable



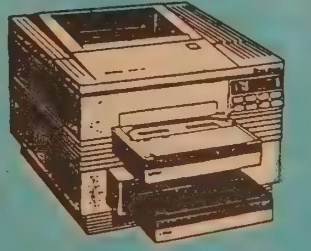


LaserJet IIP Plus Printer
- Lowest price of any HP LaserJet printer for the most affordable solution
- 300 dpi text and graphics provide publication quality printing
- Small footprint makes this the ideal desktop HP LaserJet printer
- Support by virtually all popular PC software packages ensures maximum use
- Paper handling, additional memory, printer language and font accessories expand functionality

$769

HP Portable Printer
- 300DPI Laser-Quality Printing
- Small lightweight size-weighs just 4.4lbs
- Fast print speed-up to 3 pages per minute
- Prints up to 100 pages on a single battery charge

$389



LaserJet IIID Printer
- Advanced paper-handling
- Resolution Enhancement for the best 300-dpi printing
- Ideal for high-volume, multi-user environments
- Wide variety of easy-to-use, scalable, built-in typefaces
- Optical envelope feeder handles 50 envelopes

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Capitola, CA 95010
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Fax: 408-479-4316
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Pleasanton, CA 94588
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386-40 Mhz 64K Cache; Medium Tower + P/S; 4 MB; IDE 2S, 1P, 1G; 1.2 & 1.44 FDD; 120 MB HD; Windows Accelerator: Sound Commander Gold & CD ROM; 15" SVGA Monitor; 101 KB; FAX Modem **$1,899**

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NEW SPECIAL
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486-50Mhz DX 64 K Cache
4 MB; Mini Tower Case; IDE 2S, 1P, 1G; Both FDD; 120 MB HD; ET4000 Video Card; 15" SVGA Monitor; 101 KB ; MS Dos & Windows; Serial Mouse. •••**$2,04**

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286-12MHz motherboard & CPU	$60
286-20MHz motherboard & CPU	$78
386SX-16MHz motherboard & CPU	$80
386SX-25MHz motherboard & CPU	$110
386DX-40MHz motherboard 64K & CPU	$190
486SX-25MHz motherboard 64K & CPU	$245
486DX-33MHz motherboard 64K & CPU	CALL
486DX-50MHz motherboard 64K & CPU	CALL
IDE CONTROLLER w/ I O	$15
SVGA card (800 X 600)	$30
SVGA card (1280 X 1024)	$60
Mini tower or baby case w/ power supply	$55
Serial mouse	$12
2400 baud modem	$38
2400/9600 S/R Fax modem	$60
SVGA 1024 X 768, 0.28mm monitor	$260

Shareware Available

SYSTEM KITS
With: 1MB; IDE HD/FD Controller; 2 serial, 1 parallel and 1 game ports; 1.2M or 1.44 FD, 101 KB, Mini tower or desktop case with power supply.

286-12 MHz	$240
286-20 MHz	$260
386SX-25MHz	$299
386DX-40MHz	$360
486SX-25MHz	$410

486DX-33MHz
with 256K Cache System Kit
Basic Features: 1 MB standard; IDE HD/FD Controller; 2 serial, 1 parallel and 1 game ports; 1.2M or 1.44 floppy drive; 101 keyboard; Mini tower or desktop case with power supply

BEST PRICE

Continued from page 28

Top-Selling Brands in 1992: Maxtor, ViewSonic, Orchid
Special Value-Added Services: We offer self service training on building computers. 1 year parts and 1 labor. Phone technical support.

El Cerrito

Wentek

Store manager: Richard Man
10106 San Pablo Ave.
El Cerrito, CA 94530
(510)524-0312 Fax: (510)524-1534
Areas of Specialty: Personal Computer; 486 & 386 System
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: 80486 DX 33MHz, 80386 DX 33MHz, 80386 DX 40MHz

El Sobrante

Powerhead Computers

Store manager: Tony Chao
3980 San Pablo Dam Rd., #205A
El Sobrante, CA 94806
(510)758-8455
Areas of Specialty: Hardware; Networking
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: Maxtor, Viewsonic
Special Value-Added Services: 5 year labor warranty. 2 year parts. Open 7 days a week.

Emeryville

Domino Computer

Store manager: Sam
1552 Beach St., Ste. B
Emeryville, CA 94608
(510)653-6286 Fax: (510)653-6287
Areas of Specialty: CuStomized Computer System
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: Spear, Everex
Special Value-Added Services: Build your own computer in our store, instant service and repair.

MicroStrategies Service

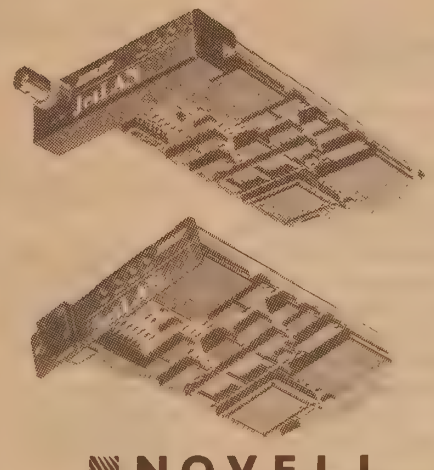
Store manager: Simrin Khalsa
1240 Powell St., Ste. F
Emeryville, CA 94608
(510)655-4466 Fax: (510)655-1562
Areas of Specialty (and In-House Specialist): Authorized Zenith Service Center (Zoey Bloom); Authorized Panasonic Service (Zoey Bloom); Authorized Okidata Service Center (Simrin Khalson)
Operating Systems Supported: MS-DOS, OS/2, Windows, Macintosh
Special Value-Added Services: We repair PC and PC clones, Mac Printer. We install and maintain Network, Novell, and Invisible.

Microtech International

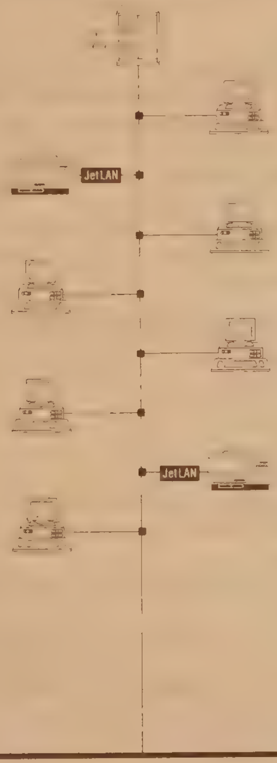
Store manager: Nadeem Zafar
5865 Doyle St.
Emeryville, cA 94608
(510)658-1433
Fax (510) 658-7339
Areas of Specialty (and In-House Specialist): Networking (Staff)
Operating Systems Supported: MS-DOS, OS/2, Macintosh, Windows, Windows NT, Novell
Top-Selling Brands in 1992: Macintosh, Toshiba, Hewlett Packard

Hassle-Free Printer Sharing For Your Local Area Network

JetLAN lets you plug your HP LaserJet printers directly into your Novell network...anywhere!



NOVELL.



Here's how you can connect your HP LaserJet printers where you want them: near your network users. Without sacrificing centralized file servers for LAN maintenance and network security. Without the expense of dedicating a PC as a print server. And without software that degrades performance and hogs memory on a user's workstation.

Simply slide ASP's *JetLAN* print server card into the 'Optional I/O' slot of your HP LaserJet II, IID, III, or IIID. Connect it to the existing twisted-pair or thin-wire cabling anywhere on your Ethernet LAN, the same way you'd add an additional PC. It's that easy! The *JetLAN* installs in less than five minutes. There's no need to shut down the network for installation, and your existing Novell software is all you need.

***JetLAN* Speeds Up LAN Printing!**

The *JetLAN* enhances LAN performance and improves printing speed for graphics and complex documents. And because *JetLAN* plugs directly into your printer and your existing network cabling, there are no individual PC-to-printer cables, external boxes or power supplies to clutter your office. Your system security is enhanced because there's no keyboard or monitor for access to the network.

Take control of your network. Place your printer near the people who need it – with *JetLAN*. From ASP, your "hassle-free workgroup solutions" specialist.

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Dept. C2162
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Special Value-Added Services: Complete service repair center, custom networking.

Foster City

Computer Resource Center

Store manager: Jerry Schulz
1065 E. Hillsdale Blvd., #404
Foster City, CA 94404
(415)573-9675 Fax: (415)573-5317
Areas of Specialty (and In-House Specialist): Windows (Ralph Sharp); WordPerfect (Gwen Tumbo); Paradox (Jerry Schulz)
Operating Systems Supported: MS-DOS
Special Value-Added Services: Computer resource center offers professional classroom training on popular business software. Please call for catalog of classes.

MicroLink Data Systems

Store manager: Jerry
1185 Chess Dr., Ste. I
Foster City, CA 94404
(415)571-1619
Areas of Specialty: Multimedia; Novell; SCO UNIX
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, UNIX, Novell
Top-Selling Brands in 1992: MDS Systems, Orchid, High Capacity
Special Value-Added Services: Warranty 1-2-3. 1 year parts, 2 years motherboard, 3 years labor.

Roger Willis Computers

Store manager: Roger Willis
1163 Chess Dr., #D
Foster City, CA 94404
(415)572-2996
Areas of Specialty (and In-House Specialist): Software consulting (Roger Wong); System Hardware Engineering (Roger Wong); Computer Marketing (Belle Chou)
Operating Systems Supported: MS-DOS, OS/2, UNIX
Top-Selling Brands in 1992: 486-50DXZ, 386-33DX, 4186-50MHz
Special Value-Added Services: 1 full year parts and labor service warranty with any system purchased. We emphasize more on personal selling.

Santron Computers

Store manager: Jerry Chen
1185 Chess Dr., Ste. I
Foster City, CA 94404
(415)571-1619 Fax: (415)571-6079
Areas of Specialty (and In-House Specialist): UNIX/OS/2 Applications (Alan Chen); Network Applications (Chuck Liu); CAD Applications (John Liu)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, UNIX/SCO, Novell, 3COM
Top-Selling Brands in 1992: Orchid, Santron Systems, Panasonic
Special Value-Added Services: Money back guarantee, free 1 year on-site service for top product lines. Free training and installation or network solutions computer repair service.

Tote-A-Lap

Store manager: Manny
550 Pilgrim Dr., Ste. F
Foster City, CA 94404
(415)578-1901
Areas of Specialty: Laptops; Memory upgrades for laptops; Memory upgrades for desktops
Top-Selling Brands in 1992: Sharp, AST, Texas Instruments
Special Value-Added Services: Memory and hard disk upgrades.

Fremont

3F Computer, Inc.

Store manager: Sajjad Saiyed
4508 Enterprise St.
Fremont, CA 94538
(510)659-0403 Fax: (510)651-9190
Areas of Specialty (and In-House Specialist): Networking: Novell (N); Banyan; LANtastic
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, SCO
Top-Selling Brands in 1992: Novell, AST
Special Value-Added Services: Authorized reseller, service center of AST/Everex/Banyan/Intel. We provide service, training, and support on all hardware and software that we sell.

AddTech Research, Inc.

Store manager: Colin Ning
41332 Christy St.
Fremont, CA 94538
(510)623-7583 Fax: (510)623-7538
Areas of Specialty (and In-House Specialist): Baseline Systems (Stacey Lin); Motherboards (Henry Tone); Communications Board (Colin Hing)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT
Top-Selling Brands in 1992: PC Mate, SlimPro, IPC
Special Value-Added Services: 1 year parts and labor and lifetime technical support.

Advanced R&D Systems dba: Precision Technology

Store manager: John T. Nguyen
40491 Encyclopedia Cir.
Fremont, CA 94538
(510)657-9811 Fax: (510)657-9813
Areas of Specialty: Novell LAN (System Integration); Graphics, dBase, Spreadsheet (Network Configuartion); DOS, Windows (Point of Sales Systems)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, UNIX
Top-Selling Brands in 1992: Precision 486/50, Precision 486/33, Precision 386/33
Special Value-Added Services: Precision Technology is a government authorized computer supplier. Our GSA # is GS00K92AGS 5466. We provide high-performance high-quality computer systems at competitive prices.

Bold Data Technology

Store manager: Eugene Yiang
920 Auburn Ct.
Fremont, CA 94538
(510)490-8296 Fax: (510)490-9428
Operating Systems Supported: MS-DOS, Windows, Windows NT
Special Value-Added Services: Complete warranty custom configuration.

Boss Communications Systems

Store manager: Andy Lin
46560 Fremont Blvd., #104
Fremont, CA 94538
(510)623-1580 Fax: (510)623-1583
Areas of Specialty (and In-House Specialist): Networking (Staff); Accounting (Staff); dBase (Staff)
Operating Systems Supported: MS-DOS, OS/2, Windows, SCO/Novell, Novell
Top-Selling Brands in 1992: Maxtor, Okidata, Seagate
Special Value-Added Services: 5 year labor warranty on all systems and networks. We do custom network installations and special patch panel work. We also provide consulting and setup of accounting and dBase programs.

Catapult Systems

Store manager: Chuck Willette
41277 Roberts Ave., #4
Fremont, CA 94538
(510)659-0365 Fax: (510)659-0772
Areas of Specialty: R&D; PC based hardware
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, UNIX
Top-Selling Brands in 1992: Maxtor, Conner, Intel
Special Value-Added Services: Call for list of services. 2 years parts and labor. Complete in-house technical department.

CBI

Store manager: Iris Wang
41348 Christy St.
Fremont, CA 94538
(510)651-6256 Fax: (510)651-1932
Areas of Specialty (and In-House Specialist): IPC Complete Systems (Kin Wong); Patriot Complete systems (Scott Saied); CB Complete Systems (Noel Kin)
Operating Systems Supported: MS-DOS, OS/2, Windows NT
Top-Selling Brands in 1992: IPC, Patriot, CB

ComputerLand of Fremont

Store manager: Tony Boudames
3381 Walnut Ave.
Fremont, CA 94538
(510)792-9311
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Macintosh, UNIX
Top-Selling Brands in 1992: HP, Compaq, Apple
Special Value-Added Services: Factory authorized repair center. On-site service available.

DataWest Computer System

Store manager: Shakir Khan
46750 Fremont Blvd., Ste. 101
Fremont, CA 94538
(510)490-6494 Fax: (510)659-1575
Areas of Specialty (and In-House Specialist): Novell (Au Fazili); DBase (Miguel Rodriguez); Accounting (Dan Sheth)
Operating Systems Supported: MS-DOS, OS/2, Windows, Macintosh, UNIX, SQL
Top-Selling Brands in 1992: Macintosh, IBM, Compaq
Special Value-Added Services: On-site service. Complete factory authorization on all brands. Authorized Novell Reseller.

Digital Media Labs

Store manager: Andrew Ngo
47913 Fremont Blvd.
Fremont CA 94538
(510)438-9085
Areas of Specialty (and In-House Specialist): Multimedia (Staff), Animation (Staff)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT
Top-Selling Brands in 1992:
Special Value-Added Services: Complete multi-media showroom. Special manufacturer direct multimedia bundled packages.

Domino Computer

Store manager: Teta
46573 Mission Blvd.
Fremont, CA 94539
(510)623-7181 Fax: (510)623-6905
Areas of Specialty: Customized Computer System
Operating Systems Supported: MS-DOS, OS/2, Windows

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5 YEAR LABOR WARRANTY

What an Incredible Deal!

486DX2-66 MHz	$1,920
486DX-50 MHz	$1,870
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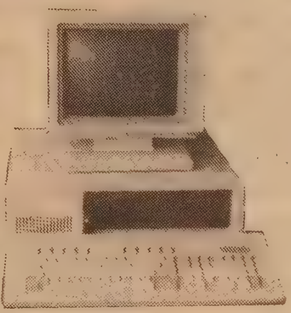
486SX-25 MHz	$1,375

ADD $70 FOR NATIONWIDE ON-SITE SERVICE

SILVER SERIES INCLUDES:



- Intel 486 Microprocessor, Plus heat sink & fan
- Built-in Math-coprocessor (DX & DX2)
- AMI (ISA), With Setup Utilities
- Baby AT case w/250W power supply,
- 4MB 70ns RAM & 64K Cache Memory
- Teac 1.2 & 1.44 Floppy Drives
- 105MB 15ms Hard Disk with 64K Cache
- 2 Serial/1 Parallel/1 Game Ports
- Super VGA (1024x768) Card with 1MB RAM
- 14" Viewsonic 4E (1024x768, .28) Non Glare Hi-contrast Monitor
- Hi-Res, speed control Mouse
- Enhanced 101-key keyboard
- Microsoft DOS 5.0 with Manual
- FCC Class B Certified

SILVER SERIES UPGRADES

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128K	$20
256K	45

MEMORY UPGRADES

1MB x 9, 70ns	$45
4MB x 9, 70ns	150

CASE UPGRADES

Mini-Tower w/200W ps	$10
Slim Baby Desktop w/230W ps	15
Medium Tower w/250W ps	20
Full Tower w/250W ps	40

HARD DISK UPGRADES

120MB, 15ms	$50
170MB, 15ms	100
200MB, 15ms	145
340MB, 15ms	395

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ATI Ultra Pro w/1 or 2 MB 1280 x1024	$CALL
ATI Ultra w/1MB w/Mouse 1280x1024	210
Diamond Stealth w/1MB 1280x1024	160
Diamond Speedstar 24X w/1MB 1280x1024	120
Diamond Speedstar 24 w/1MB 1280x1024	95
Orchid Farenheit 1280 w/1MB 1280x1024	160
Orchid Prodesigner IIS w/1MB 1024x768 Hi-Color	85
Orchid Prodesigner II w/1MB 1024x768	75

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All Viewsonic Monitors are Non-Glare, Hi-Contrast!

VIEWSONIC

6E 14" 1024x768 Non-Int. .28dp	$50
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5+ 14" 1024x768 Ultra Non-Int. .28dp	215
6FS 15" 1024x768 Ultra Non-Int. .28dp, Flat	285
6VS 17" 1280x1024 Ultra Non-Int. .31dp, Flat	714
8 20" 1280x1024 Ultra Non-Int. .31dp, Flat	1240

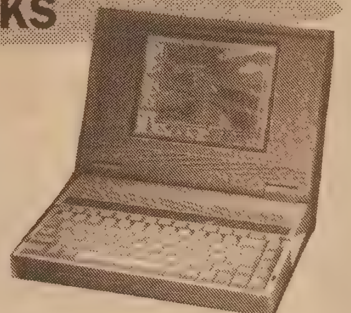
SONY

1304S 14" 1024x768 .25dp Trinitron Tube	285
1604 16" 1024x768 .25dp Trinitron Tube	705

OTHER UPGRADES

SONY 535 CD-ROM w/Cartridges, & Controller card	$305
SONY 535 CD-ROM w/Cartridges, Controller card & Software	405
Tape Backup Colorado 250MB + 1 Cartridges	280
Tape Backup Colorado 120MB + 1 Cartridges	225
Fax Modem 9600/2400 Internal	70
Modem 2400 Internal	50

NOTEBOOKS



BONDWELL 386NC

- 386SXL 33MHz CPU
- 2MB RAM exp 8MB
- 80MB Hard Drive
- Fax/Modem 9600/2400
- Ext 1.44MB Floppy Drive
- DR-DOS 6.0
- Carrying Case

$1750

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386SL-25 MHz 60MB NOTEBOOK

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- 1.44 Floppy Drive ... **$1625**

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- 80MB Hard Disk • 2MB RAM
- 1.44 Floppy Drive ... **$1665**

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- 120MB Hard Disk • 2MB RAM
- 1.44 Floppy Drive ... **$1775**

386SX-25MHz NOTEBOOK

- 2MB RAM
- 1.44 Floppy Drive ... **$1050**

386SX-25MHz NOTEBOOK

- 4MB RAM
- 1.44 Floppy Drive ... **$1100**

NOTEBOOK OPTIONS

2MB Memory Card	$125
4MB Memory Card	225
9600/4800/2400 Send/Recv/Fax Modem	115
60MB Conner Hard Disk	230
80MB Conner Hard Disk	270
120MB Toshiba Hard Disk	470
Extra Battery	55
Battery Charger	100
Leather Carrying Bag	50

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GRAPHIC CARDS

ATI Ultra w/1MB & Mouse 1280x1024, Hi-Color	$285
ATI Ultra w/1 or 2MB & Mouse 1024x768, 65,000 Colors	CALL
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Diamond Speedstar 24X w/1MB 1280x1024, Hi-Color	160
Diamond Stealth w/1MB 1280x1024, Hi-Color	205
Orchid ProDesigner II w/1MB 1024x768, 256 Colors	110
Orchid ProDesigner IIS w/1MB 1024x768 w/Sierra Dac	143
Orchid Fahrenheit 1280 w/1MB 1280x1024, 24 Bit Color	200

MONITORS

VIEWSONIC

4E 14" 1024x768 SVGA .28	$295
5E 14" 1024x768 Ultra Non-Int. .28dp	425
5+ 14" 1024x768 Ultra Non-Int. .28dp	530
6E 14" 1024x768 Non-Int. .28dp	340
6FS 15" 1024x768 Ultra Non-Int. .28dp, Flat	620
7 17" 1280x1024 Ultra Non-Int Low Radiation, Flat	1050
8 20" 1280x1024 Ultra Non-Int. .31dp, Flat	1240

SONY

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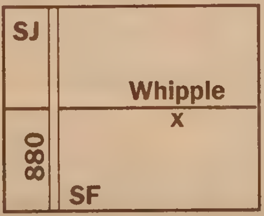

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1993 MicroTimes Guide to Northern California Computer Resellers

Top-Selling Brands in 1992: Spear, Everex
Special Value-Added Services: Build your own computer in our store, instant service and repair.

Ency System
Store manager: Joaquin Moreno
46743 Fremont Blvd.
Fremont, CA 94538
(510)226-1848 Fax: (510)226-0560
Areas of Specialty (and In-House Specialist): GUI (Joaquin Moreno); Video Graphics (Eric Jen)
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: Intel, Diamon, Microsoft
Special Value-Added Services: 30 day money back guarantee. On-site available from Nationwide Warranty Corp. 5 year labor, 1 year parts. Free technical support.

Fry's Electronics, Inc.
Store manager:
440 Mission Ct.
Fremont, CA 94538
(510)770-3797 Fax: (510)770-3700
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Macintosh
Special Value-Added Services: 7 days a week service, extended warranty, on-site service.

Herb's Discount Software
Store manager: Shawn Jones
4406A Enterprise Pl.
Fremont, CA 94538
(510)490-6335 Fax: (510)490-6337
Operating Systems Supported: MS-DOS, Windows, Windows NT, Amiga, Macintosh, Atari, C-64
Top-Selling Brands in 1992: Microsoft, Sierra, Borland

Integrated Marketing Corp.
Store manager: Wayne Sanders
4151 Business Center Dr.
Fremont, CA 94538
(510)770-8400/1-(800)537-5999 Fax: (510)770-8410
Areas of Specialty (and In-House Specialist): Network Printing (TCP/IP), Novell) (Wayne Sanders/Rami Rammaha); Printer sharing off the network (Wayne Sanders/Rami Rammaha)
Operating Systems Supported: MS-DOS, Windows, UNIX
Top-Selling Brands in 1992: XL-100E/IP (TCP/IP, Novell print servicer), XP-kit (parallel print sharing), Dmbo+P (five parallel inputs and one parallel output)
Special Value-Added Services: 1 year warranty labor and parts. Free training and support. Service on-site if needed. 30 day return policy.

King Star Computer
Store manager: XianFeng Sam Liu
46560 Fremont Blvd. #305
Fremont, CA 94538
(510)659-8590 Fax: (510)659-8644
Areas of Specialty (and In-House Specialist): KSC Computer Systems (Sam Liu); All kinds of Hard Drives (Quhao Wu); Modems & Monitors (Andrew Chi, Rui Liu)
Operating Systems Supported: MS-DOS, OS/2, Windows, UNIX
Top-Selling Brands in 1992: KSC Computer, Viewsonic Monitors, Zoltnx Modems
Special Value-Added Services: 1 year warranty on parts. 3 year warranty on labor. Lifetime technical support, toll free 1-(800)365-0547.

Libre Service Computer, Inc.
Store manager: Eric Shek
47266 Benica St.
Fremont, CA 94538
(510)438-0402 Fax: (510)438-0489
Areas of Specialty (and In-House Specialist): Novell (Jeff Chang); LANtaStic (Jeff Chang)
Operating Systems Supported: MS-DOS, OS/2, Windows, Novell
Top-Selling Brands in 1992: Libre Systems
Special Value-Added Services: Heavily service-oriented, plus we offer service contract. 3 year warranty. First year parts and labor on-site, 2nd and 3rd year labor only carry-in.

Mac Outlet
Store manager: Steve Glovin
48860 Milmont Dr.
Fremont, CA 94538
(415)623-8890
Areas of Specialty (and In-House Specialist): Graphics & Display Specialist (Doug Werner)
Operating Systems Supported: Macintosh
Top-Selling Brands in 1992: Daystar, SuperMac, Raster-Ops
Special Value-Added Services: 30 day return policy, replacement policy.

Micro Distribution Center
48879 Kato Rd.
Fremont, CA 94539
(510)657-8079 Fax: (510)657-9511
Areas of Specialty: PC Component Distribution; PC Manufacturers
Operating Systems Supported: MS-DOS
Top-Selling Brands in 1992: Western Digital, Chinon, Fountain

Microtech International
Store manager: Affif Siddique
47000 Warm Springs Blvd., Ste. 8
Fremont CA 94539
(510)226-8650
Fax (510) 226-8652
Areas of Specialty (and In-House Specialist): Networking (Staff)
Operating Systems Supported: MS-DOS, OS/2, Macintosh, Windows, Windows NT, Novell
Top-Selling Brands in 1992: Macintosh, Toshiba, Hewlett Packard
Special Value-Added Services: Complete service repair center, custom networking.

MilkyWay Computer Products (M.W. Computer)
Store manager: Jack Lai
46713 Fremont Blvd.
Fremont, CA 94538
(510)659-8782/(800)486-8947 Fax: (510)659-8526
Areas of Specialty (and In-House Specialist): Multimedia (Elaine Gacayan); Networking (Doris Fan); Laptop/Notebooks (Genero)
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: Panasonic, Hewlett Packard, Intel
Special Value-Added Services: 1 year parts/labor warranty. An RMA Dpt. for all returns or exchanges, important RMA products sent out 2nd day air. All sales people committed to serving customers at all times. Company offers tech support to all of its customers.

Norton Technology
Store manager: James Liang
46560 Fremont Blvd. #117
Fremont, CA 94538
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Operating Systems Supported: MS-DOS, Windows, Windows NT, SCO

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(IDE) Max 130MB/15ms	298
(IDE) Max 210MB/15ms	448
(IDE) Max 340MB/15ms	748
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(SCSI) Quantum 240MB/9ms	630
(SCSI) Fujitsu 330MB/12ms	780
(SCSI) Fujitsu 520MB/12ms	970
(SCSI) Max 670MB/16ms	1218
(SCSI) Max 1.2GB/13ms	1599
(IDE) Kowell 4F/2H	30
Ultrastor IDE Cache	159
(SCSI) Future Domaine	59
Adaptec 1522V/1542B w/Kit	119/259
DPT 4MB Memory	449

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(SCO, PROXIMA,		Logitech Mouseman	65
ESIX, SUNSOFT)		MS Ser/Bus	65/85

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NEC 5FG/6FG	1175/2675
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US Robot 96/14.4 FAX	329

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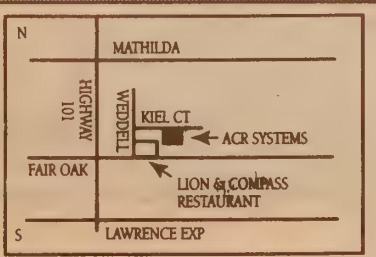

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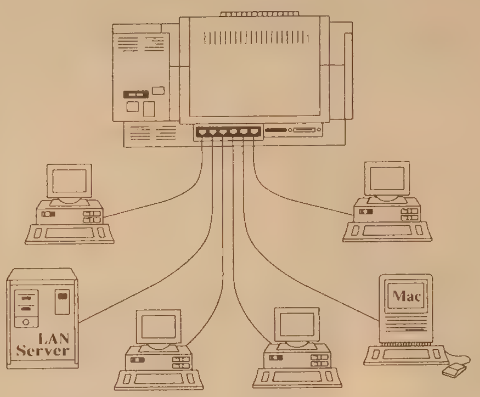

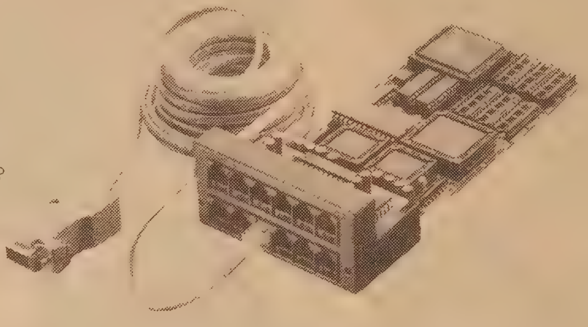

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1993 MicroTimes Guide to Northern California Computer Resellers

Top-Selling Brands in 1992: NEC, Sony, Colorado
Special Value-Added Services: 5 year labor warranty. PC repairs and maintenance. Large selection of computer cases and keyboard.

PC Time Data

Store manager: Benson Cheng
48521 Warm Springs Blvd., Ste. 312
Fremont, CA 94539
(510)623-8862 Fax: (510)623-8865
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: Criterion, Asia Source
Special Value-Added Services: 1 year parts and labor.

Songtech International, Inc.

Store manager: Song Chen
44061 S. Grimmer Blvd.
Fremont, CA 94538
(510)770-9051 Fax: (510)770-9060
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, UNIX
Top-Selling Brands in 1992: 486-33,386-40, Portables
Special Value-Added Services: Extended warranty.

Sysper Technologies, Inc.

Store manager: Abdul Jaka
4031 Clipper Ct.
Fremont, CA 94538
(510)651-8002 Fax: (510)651-9699
Areas of Specialty (and In-House Specialist): Multimedia (Yakoob Jaka); Networking (Abdul Jaka)
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: Sysper 486-33, Viewsonic, Nanao
Special Value-Added Services: Sysper offers in-house repairs and upgrades,. Network installation and training. Lifetime tech support 2 year labor. 1 year parts warranty and 30 day money back on Sysper Systems.

Teg Micro Technology, Inc.

Store manager: Jadi Singh
46718 Fremont Blvd.
Fremont, CA 94538
(510)490-1734 Fax: (510)490-2805
Areas of Specialty: US Made Motherboards; All computer perpherals
Operating Systems Supported: MS-DOS, OS/2, Windows
Special Value-Added Services: 30 day return policy, immediate return fax defective parts.

U-Miracle

Store manager: Derek Chung
43174 Christy St.
Fremont, CA 94538
(510)226-6791
Areas of Specialty (and In-House Specialist): Hardware (Staff)
Operating Systems Supported: MS-DOS, Windows, Windows NT
Top-Selling Brands in 1992: Maxtor, Conner, Teac
Special Value-Added Services: 30 day money back guarantee. Extended warranty. Complete service center.

USM Distributors/US March Systems

Store manager: Danny Catagan
43104 Christy St.
Fremont, CA 94538
(510)623-9040 Fax: (510)623-7592
Areas of Specialty (and In-House Specialist): dBase (Joey Catagan); Networks (Joey Catagan)
Operating Systems Supported: MS-DOS, Windows, Windows NT, Novell
Top-Selling Brands in 1992: AMI, Micronics, Quickpath

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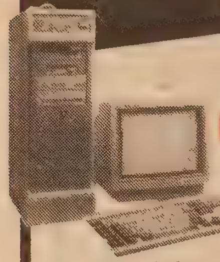

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- 1.2MB and 1.44MB floppy drives
- 101 Enhanced keyboard
- Built-in math coprocessor
- Weitek coprocessor socket
- Clock/calendar w/battery backup
- Vertical case with power supply
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- 3 Button High-Resolution Mouse

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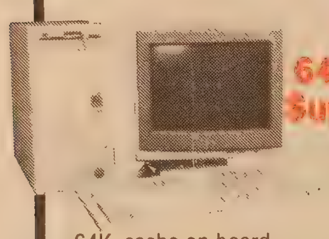

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SALE

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- Clock/calendar w/battery backup
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- 3 Button High-Resolution Mouse

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80MB 18ms IDE 7080A	$259
130MB 15ms IDE 7120A	285
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340MB 13ms IDE LXT-340	639
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768MB 16ms SCSI XT-8760	1149

CONNER

40MB 28ms IDE 3000	$CALL
120MB 19ms IDE 30104	285
213MB 17ms IDE CP3204F	409

WESTERN DIGITAL

85MB 17ms IDE	$229
120MB 17ms IDE	289
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122MB 256K Cache (IDE) 9ms	$339
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MFM 1:1 HD/FD cont	49
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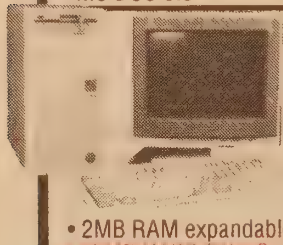
SCSI 1:1 HD/FD cont	159
ESDI 1:1 HD/FD cont ultrastore w/32K	179
Tseng Lab 1MB (1024x768)	99
Trident 1MB (1024x768)	79



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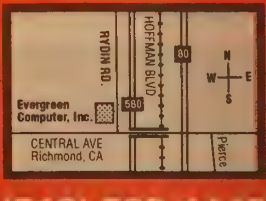

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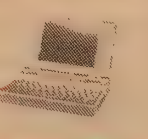
386SX-20MHz w/80MB HDD Carrier **and KeyMouse!**



- 386SX-20MHz, 4MB RAM exp to 8MB
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- Modem Slot
- System password protected

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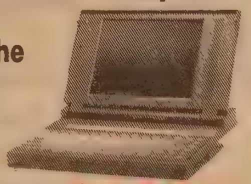
Other Models Available!

TEMPO Carrier SL/25

386SL-25MHz w/64K Cache

4MB RAM / 80MB HDD

EVEREX



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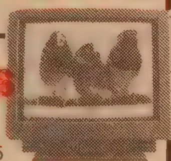

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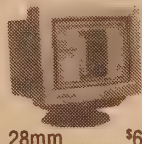
NEC



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Stealth VRAM	1280x1024/1MB	$219
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- 386SX-20 (Intel processor)
- 2MB standard expandable to 4MB
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- Weight 6.2 lbs. • Deluxe Carrying Case
- FCC Class B Approved
- Includes DOS 5.0

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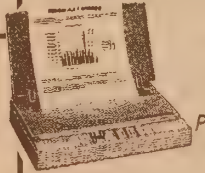
Canon Portable Bubble Jet BJ-10ex



Perfect for any Notebook or Laptop!

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BJ-20 Auto Sheet Feeder	$399
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Letter quality printer for people on the move - perfect companions for portable computers (battery optional).

- Travels light—only 1.87 lbs.
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- 63 CPS
- 180x180 DPI Graphics

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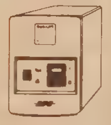

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- 35 Scalable Typefaces, 14HP Bitmapped Fonts
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20k buffer, 80 columns

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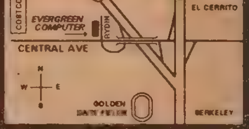

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Operating Systems Supported: MS-DOS, Windows, Windows NT, Novell
Top-Selling Brands in 1992: Maxtor, Conner,
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Computer Source of Hayward
Store manager: Simon Lam
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Hayward, CA 94545
(510)784-1136
Areas of Specialty: CAD/CAM; Accounting; Machine Shop Application
Operating Systems Supported: MS-DOS, OS/2, SCO, Novell/LANtastic
Top-Selling Brands in 1992: Intel, Conner, Panasonic
Special Value-Added Services: 5 years labor, money back, free delivery in Bay Area. Lifetime technical support, money back guarantee.

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Store manager: Lynn Hawthorne
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Hayward, CA 94541
(510)538-8080 Fax: (510)538-8082
Areas of Specialty (and In-House Specialist): Multimedia (Chris Fox); Desktop Publishing (Lynn Hawthorne); Networking
Operating Systems Supported: MS-DOS, Windows, Macintosh
Top-Selling Brands in 1992: Hewlett-Packard, Apple, Compaq
Special Value-Added Services: Macintosh training center—hardware service dept. Excellent pre- and post-sales support.

Discount Computer Products
Store manager: Reny Morris
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Hayward, CA 94545
(510)783-7788 Fax: (510)783-9611
Areas of Specialty (and In-House Specialist): Point of sale accounting (Reny Morris); Peer-to-Peer LANS (Renny Morris); Windows Application (Milt Waalens).
Operating Systems Supported: MS-DOS, Windows, Windows NT, Windows
Top-Selling Brands in 1992: DCP, Samsung, Kalok
Special Value-Added Services: We offer 1 year warranty on parts. 5 years on labor.

Domino Computer
Store manager: Francis
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(510)732-0377 Fax: (510)732-0388
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Special Value-Added Services: Build your own computer in our store, instant service and repair.

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Top-Selling Brands in 1992: Printer Works, QMS, Canon
Special Value-Added Services: 30 day money back guarantee. Complete service on the following printers; Canon, HP, QMS, Brother, Printer works, Apple. We also service all printers with Canon engines. We are a complete parts and supplies house.

Lafayette

EFI's Discount Computer
Store manager: Efi Lubliner
3441 Golden Gate Wy.
Lafayette, CA 94549
(510)283-1700
Areas of Specialty (and In-House Specialist): Hardware (Staff); Networking (Staff); Accounting Packages (Staff)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Macintosh, UNIX, Novell
Top-Selling Brands in 1992: AST, Everex, Samsung
Special Value-Added Services: 1 year parts and labor, technical support. Free delivery and installation of computer systems.

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MarketPro Computer Shows
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Larkspur, CA 94977
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Domino Computer
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Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: Spear, Everex
Special Value-Added Services: Build your own computer in our store, instant service and repair.

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Areas of Specialty (and In-House Specialist): TeleMessaging Software (R. Minarik); Dental Office Software (R. Minarik); Alpha & Digital Patching Software (R. Minarik)
Operating Systems Supported: MS-DOS
Top-Selling Brands in 1992: Basic Clone 386 Technology, Network Systems
Special Value-Added Services: Full hardware and software system support. Nationally for answering service, secreterial services/ and telephone/intercommed companies.

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Store manager: Tom HaStings
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Store manager: Dave
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Millbrae, CA 94030
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Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: Spear, Everex
Special Value-Added Services: Build your own computer in our store, instant service and repair.

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Aitech International
Store manager: Dr. Michael J.W. Chen
830 Hillview Ct., Ste. 145
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(408)946-3291 Fax: (408)946-3597
Areas of Specialty (and In-House Specialist): Desktop Video/Desktop Publishing (Casey Ng); Marketing Presentations/Image Data; Interactive Kiosks
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: Pro PC/TV, Pro VGA/TV plus, ProColor Plus
Special Value-Added Services: Aitech provides technical support, sales/marketing training, 1 year product warranty and RMA policy.

Art Computer Tech, Inc.
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424 S. Main St.
Milpitas, CA 95035
(408)946-7852 Fax: (408)946-7892
Areas of Specialty (and In-House Specialist): UNIX (Tim Tran); Win 3.1 (Bob Mckeith); DOS 5.0 (Bob Mckeith)
Operating Systems Supported: MS-DOS, OS/2, Windows, UNIX
Top-Selling Brands in 1992: Maxtor, Viewsonic 6, NEC
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Operating Systems Supported: MS-DOS, Windows, Windows NT, Macintosh, UNIX
Top-Selling Brands in 1992: Orchid Technology, Dash Computer Inc.
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Areas of Specialty: Parts, components, memory; IBM PC Assembly; Chips
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: NEC, Intel, Mitac
Special Value-Added Services: Free assembly if the purchase is more than $500.

CMC

Store manager: Jimmy Singh
356 S. Abbott Ave.
Milpitas, CA 95035
(408)956-8291 Fax: (408)956-8584

Areas of Specialty (and In-House Specialist): Full line of memory (Jimmy Singh); CPU Chips (Jimmy Singh); Mathcoprocessors (Jimmy Singh)
Top-Selling Brands in 1992: Toshiba, Intel, Samsung

CompuTown

Store manager: Shahid Sheikh
370 S. Abbott Ave.
Milpitas, CA 94505
(408)262-1200

Areas of Specialty (and In-House Specialist): Auto CAD (Mohammad Waseem); SUN (Imram Bawani); Novell/Netware (Rashid Naseem)
Operating Systems Supported: MS-DOS, OS/2, Macintosh, UNIX/Sun
Top-Selling Brands in 1992: AST, Zenith, Sharp
Special Value-Added Services: On-site service. Complete factory authorized repairs extended warranty.

Domino Computer

Store manager: Raymond
976 Hanson Ct.
Milpitas, CA 95035
(408)946-6991 Fax: (408)946-0312

Areas of Specialty: CuStomized Computer System
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: Spear, Everex
Special Value-Added Services: Build your own computer in our store, instant service and repair.

Hi-Tech USA

Store manager: Daniel Wang
1562 Centre Pointe Dr.
Milpitas, CA 95035
(408)282-8688 Fax: (408)282-8772

Areas of Specialty (and In-House Specialist): Windows & UNIX (Lu); BIOS Engineering (Daniel); System Hardware (Bob)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT
Top-Selling Brands in 1992: 486-50 EISA, 486-50 ISA, 486-33 ISA
Special Value-Added Services: 1 year parts and labor.

I-Tech International Technology

Store manager: Kevin Tnan
801 Ames Ave.
Milpitas, CA 95035
(408)956-8261 Fax: (408)956-8264

Top-Selling Brands in 1992: 486-33 local bus, 486-50, 486-33

Keep It Simple Computer Center

Store manager: Angie Wong
422 S. Hillview Dr.
Milpitas, CA 95035
(408)942-8088 Fax: (408)942-8691

Areas of Specialty (and In-House Specialist): Network Design (Garth Gilmour); SuperMicro Computer Configuration (Sean Canevard); UNIX & OS/2 (Richard Tisor)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, LAN Man
Top-Selling Brands in 1992: Hewlett Packard, Everex, Acer
Special Value-Added Services: Network design and implementation, on-site service, training.

Laitron Computer

Store manager: Ming Lai
1646 Centre Pointe Dr.
Milpitas, CA 95035
(408)945-1411 Fax: (408)945-1075

Areas of Specialty: PC hardware; PC upgrades
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT

Legend Computer Inc.

Store manager: HC Lin
384 S. Abbott Ave.
Milpitas, CA 95035
(408)262-6861 Fax: (408)262-6315

Areas of Specialty: PC Computer Systems; Computer Parts; Computer Motherboards
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Amiga, UNIX
Top-Selling Brands in 1992: Legend Computer Inc. computer Systems, Parts and motherboards
Special Value-Added Services: We are a manufacturer of PC computer systems and PC motherboards.

Mega Micro Electronics

Store manager: Prit Gill
978 Hanson Ct.
Milpitas, CA 95035
(408)942-8061 Fax: (408)942-8062

Operating Systems Supported: MS-DOS

Micro-Net Computer

Store manager: Stuart Franz
52 S. Park Victoria Dr.
Milpitas, CA 95035
(408)9444 Fax: (408)262-0708

Areas of Specialty (and In-House Specialist): System Integration (Stuart Franz/Chris Chen); Software Programming & Networking
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: Rabbit Computer, AST Computer, LANtastic
Special Value-Added Services: Free technical support, 1 year parts and labor warranty on all systems and components.

NETiS Technology, Inc.

Store manager: Jason F. Lin
1606 Centre Pointe Dr.
Milpitas, CA 95035
(408)263-0368 Fax: (408)263-4624

Areas of Specialty (and In-House Specialist): Novell Netware (Jason Lin); UNIX/Xenix (Robert Chang); DOS/Windows (Jason Lin)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, SCO/Interactive, Novell Netware
Top-Selling Brands in 1992: EISA 486DX-50 File Servicer, ISA 486DX-50, Local Bus Windows Station
Special Value-Added Services: On-site service, network installation, DOS/Windows/NetWare/UNIX training and support.

PS Computers Corporation

Store manager: Susan Liang
1614 Centre Pointe Dr.
Milpitas, CA 95035
(408)956-8373 Fax: (408)956-8374

Areas of Specialty (and In-house Specialist): Novell Netware (Robert Chang); UNIX/Xenix (Robert Chang); DOS/Windows Networking (Eugene Wu)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, SCO/Interactive, Novell Netware
Top-Selling Brands in 1992: ISA 486DX-33 Local Bus Winstation, EISA 486DX-50 Workstation, ISA 386DX-40 Econo Systems
Special Value-Added Services: Dos/Windows/NetWare/UNIX training. On-site service. Network installation.

Wedge Technology

Store manager: Jonathan L. Yeh
1655 McCandless Dr.
Milpitas, CA 95035
(408)263-9888 Fax: (408)263-9886

Areas of Specialty (and In-House Specialist): Showbiz PC Notebook (Jonathan L. Yeh); High end UNIX Systems (Robert McDonald); Custom configured PC solutions (Peter Po)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, System V
Top-Selling Brands in 1992: Wedge, Connor
Special Value-Added Services: 3 year labor and 1 year parts warranty, service contracts with corporations.

Modesto

Aroma Tech., Inc.

Store manager: Jay Fu
3430 Tully Rd., #21
Modesto, CA 95350
(209)525-8080 Fax: (209)525-8120

Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: Maxtor, Conner, Panasonic

Morgan Hill

Centurian Computer Surplus, Inc.

Store manager:
180 Cocharane Cir.
Morgan Hill, CA 95037
(408)778-2001 Fax: (408)778-9426

Areas of Specialty (and In-House Specialist): Service/Sales (John Marler/ Gary Halskad); Technical Support (John Marler/ Gary Halskad); Corp. Sales (Jeff Naylor)
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: Luyse, Samsung, Video Seven
Special Value-Added Services: Centurian offers fully backed warranty behind all its equipment. We also have excellent service and quick turnaround.

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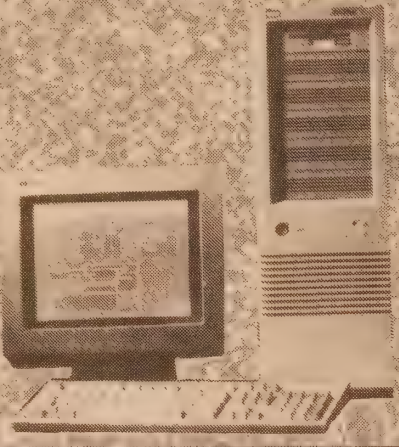

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Ready-To-Use Server/50 User	66 MHz	1.04 GB SCSI	16 MB	D2647A
Ready-To-Use Server/100 User	66 MHz	1.04 GB SCSI	16 MB	D2648A

intel inside

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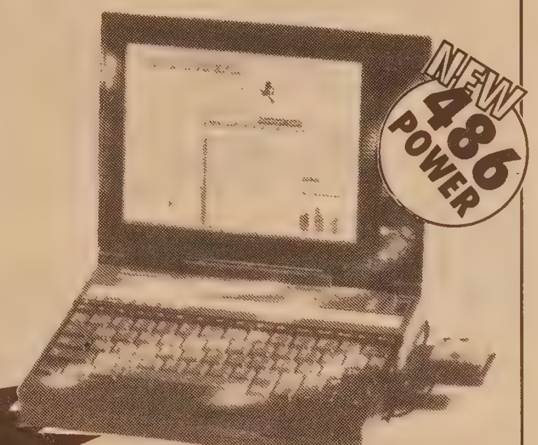

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- Long Battery Life
- Less Than 5.6 Lbs.
- Sleek 8.5"x11"x1.8"

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Computer Marketplace
Store manager: Robert Kushner
16175 Monterey Rd., Ste. 4
Morgan Hill, CA 95037
(408)778-5200/(800)(800)5600 Fax: (408)779-1374
Areas of Specialty: Computer trade show
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Amiga, Macintosh, UNIX
Special Value-Added Services: Computer trade shows featuring hundreds of computer companies selling products at a great price. Seminars and classes featured at the Pomona shows.

Mountain View

CompuTown
Store manager: Rashid Nasim
2444-A Old Middlefield Wy.
Mountain View, CA 94043
(415)962-8696
Areas of Specialty (and In-House Specialist): Auto CAD (Mohammad Waseem); SUN (Imram Bawani); Novell/Netware (Rashid Naseem)
Operating Systems Supported: MS-DOS, OS/2, Macintosh, UNIX/Sun
Top-Selling Brands in 1992: AST, Zenith, Sharp
Special Value-Added Services: On-site service. Complete factory authorized repairs extended warranty.

MP Computer Micro Systems
Store manager: Paul Rotschi
655 WeSt Evelyn Ave., Ste. 2
Mountain View, CA 94041
(415)960-1514 Fax: (415)968-0509
Areas of Specialty (and In-House Specialist): Apple & Mac hardware (Paul Rotschi)
Operating Systems Supported: Macintosh, Apple II, DOS & Prodos
Top-Selling Brands in 1992: Apple Computer, Radius, Maxtor
Special Value-Added Services: 1 year on new equipment and 80 days on used equipment.

Pacific Micro
Store manager: Wun C Chiou, SR.
201 San Antonio Cir., C250
Mountain View, CA 94040
(415)948-6200 Fax: (415)948-6296
Areas of Specialty (and In-House Specialist): Mac-In-DOS
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Amiga, Macintosh
Top-Selling Brands in 1992: Mac-In-DOS, Common-Link
Special Value-Added Services: Mac-In-DOS allows interoperable between Macintosh & PC add solution to customers.

Victs Computers, Inc.
Store manager: Nichole Hon
500 Bernardo Ave.
Mountain View, CA 94043
(415)960-6811 Fax: (415)960-6816
Areas of Specialty (and In-House Specialist): Local Area Network; Medical Software & Hardware; PC Manufacture
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: Victs Computers, HP Products, Maxtor Hard Disks
Special Value-Added Services: Novell network LAN management system: Network Design, Network Component Selection, on-site network installation, end-user service and support, end-user training.

Newark

Computerpro
Store manager: Jim Chang
5786 Mory School Rd.
Newark, CA 94560
(510)490-8118
Areas of Specialty (and In-House Specialist): Hardware; Software
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, UNIX/SCO, Novell
Top-Selling Brands in 1992: Connor, Maxtor, Panasonic
Special Value-Added Services: Call for list of services. Complete warranty.

Gigabytes
Store manager: Carrie Harrington
37053 Cherry St.
Newark, CA 94560
(510)790-0961 Fax: (510)790-0915
Areas of Specialty (and In-House Specialist): Financial Software (Staff); Real Estate (Staff); Multimedia (Staff)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Macintosh, SCO, Sitka Networks
Top-Selling Brands in 1992: Apple, IBM, Compaq
Special Value-Added Services: We provide technical advice on hardware configurations and vertical integration.

SK Systems
6200A Joaquin Murieta Ave.
Newark, CA 94560
(510)659-1699 Fax: (510)657-2777
Areas of Specialty (and In-House Specialist): Hardware; Software; Networking; Computer Systems
Operating Systems Supported: MS-DOS, OS/2, Macintosh, XENIX, Novell
Top-Selling Brands in 1992: Orchid, Conner, Relisys
Special Value-Added Services: Most competitive prices guaranteed, high-quality customized personal computer, includes labor, warranty, service and technical support.

VF Software
Store manager: David Burton
Jarvis Ave., Ste. 102
Newark, CA 94560
(800)924-3112 Fax: (510)793-1187
Areas of Specialty (and In-House Specialist): Windows (David Burton); OS/2 (David Burton); DOS (David Burton)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT
Special Value-Added Services: Toll-free technical support. Return and exchange policy.

Novato

A&M Computer Specialists
Store manager: Anthony Cappella
9 Libre Dr.
Novato, CA 94947
(415)454-6503
Areas of Specialty (and In-House Specialist): Hardware Design (Anthony Cappella); Software Design (Marc De Naire)
Operating Systems Supported: MS-DOS, Windows
Special Value-Added Services: Low priced on-site service. Comprehensive training programs. Two year hardware service warranties.

BCS*A
Store manager: David Zhao
8A Commercial Blvd.
Novato, CA 94949
(415)883-7392 Fax: (415)883-8104
Areas of Specialty (and In-House Specialist): Windows (David Zhao); Accounting Programs (David Zhao)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT
Special Value-Added Services: 5 year labor warranty, 1 year parts warranty. 7 day return policy, loaner policy on repairs.

Synergistic Medical Systems
Store manager: Sydney J. Ranger
27 Pamaron Way, Ste #1
Novato, CA 94949
(415)883-9007 Fax: (415)883-8884
Areas of Specialty (and In-House Specialist): Medical/Dental Computer Systems (Sydney J. Ranger); Accounting Systems (Sydney J. Ranger)
Operating Systems Supported: MS-DOS
Top-Selling Brands in 1992: CompuMedic, Dentalware, Vetlogic
Special Value-Added Services: Service repairs, installation, training, technical support, newsletters, consulting, telephone support—custom-built computers.

Oakland

AST Corp.
Store manager: Alfred Cooper
5920 San Pablo
Oakland, CA 94608
(510)481-1929 Fax: (510)481-1821
Areas of Specialty (and In-House Specialist): Computer/peripheral products; Notebook PC; Security surveillance products
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: AST Corp PC, CTX Projection Panel
Special Value-Added Services: 800 toll-free support. 14 month warranty and service contract.

ATY Computer
Store manager: Alex Yu
3727 13th Ave.
Oakland, CA 94610
(510)482-3775 Fax: (510)482-3775
Areas of Specialty (and In-House Specialist): Desktop Publishing (Alex Yu); Graphic Anamation (Alex Yu); Midi (Alex Yu)
Operating Systems Supported: Atari TOS
Top-Selling Brands in 1992: Calamus, Cubase 3.0, LDW Power
Special Value-Added Services: Free in-store training for any system and software purchase.

California Computer Options
Store manager: William Tom
399 Grand Ave.
Oakland, CA 94610
(510)444-5700 Fax: (510)839-6798
Areas of Specialty (and In-House Specialist): Networking (Staff); AutoCAD (Staff); dBase (Staff)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Macintosh, SCO, Novell, NeXT
Top-Selling Brands in 1992: Compaq, HP, DTK
Special Value-Added Services: 30 day on-site free on any system. We provide a complete list of comprehensive services to keep your computers running. We have a full 30 day personal training class.

Domino Computer
Store manager: William Lee
1238 Harrison
Oakland, CA 94612
(510)839-1800 Fax: (510)839-1818
Areas of Specialty (and In-House Specialist): Customized Computer System
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: Spear, Everex
Special Value-Added Services: Build your own computer in our store, instant service and repair.

Mercury Computer
Store manager: Jerry Chen

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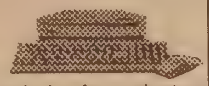

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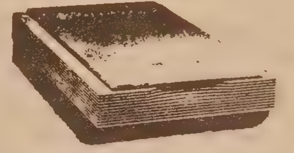

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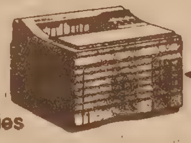

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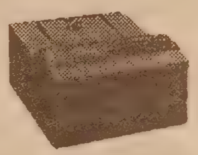

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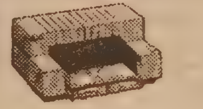
- 14 bitmapped fonts

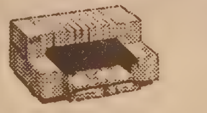
Hewlett Packard DeskWriter Printer



- 1-2 pages per minute
- 300 dpi
- 13 scalable fonts
- 100 sheet paper tray

Our Low price!	$389.99
Mfg Rebate	– $ 50.00
After Rebate!	**$339.99**

Hewlett Packard DeskWriter C Printer



- Quality COLOR
- 300 dpi
- 100 sheet paper tray
- Scalable fonts
- Grayscale blacks

Our Low price!	$599.99
Mfg Rebate	– $ 50.00
After Rebate!	**$549.99**

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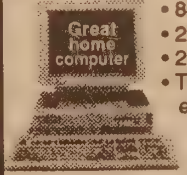
Compaq® Prolinea® 3/25zs Model 84 141600-005



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- 25 MHz, 386SX
- 2 MB RAM
- Two 16 bit ISA expansion slots

3/25 s Model 84

- 2 MB RAM, 84 MB HD
- 25 MHz, 386SX

4/33 Model 120

- 120 MB HD, 4 MB RAM
- 33 MHz 486 microprocessor

All Compaq's priced to Sell! Call!

Compaq® Contura® 3/20 Model 40 139600-004

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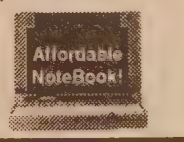
- 64 KB of 4-way- set- associative cache



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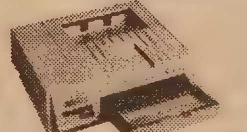

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201 Mission Street
(across from PG & E Hdqtrs)
M-F 9:00 - 5:30 Sat 10 - 4

Sunnyvale
(408) 746-2288
1202 Apollo Way
(at Central & Lawrence)
M-F 9:30 - 5:30 Sat 12 - 5

Walnut Creek
(510) 943-2882
1676 N. California Blvd
(next to Max's Opera Cafe)
M-F 9:00 - 5:30 Sat 12 - 5

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1443 Broadway
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(510)763-7622
Areas of Specialty (and In-House Specialist): Hardware; Software
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, UNIX
Top-Selling Brands in 1992: Brother, Bondwell, Panasonci
Special Value-Added Services: Call for a complete list of services. 5 year in-store labor warranty. 48 hour repair turnaround from service department, 30 day return policy. Lifetime technical support.

PC Professional, Tech

Store manager: Dan Sanguinett
1900 Webster Ste. B
Oakland, CA 94612
(510)465-5700 Fax: (510)465-8327
Areas of Specialty (and In-House Specialist): Networking (Staff); Accounting Solutions (Staff); dBase (Staff)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Macintosh, Novell
Top-Selling Brands in 1992: Everex, Compaq, IBM
Special Value-Added Services: Free on-site service, free loaner, free delivery and installation, 8 hour response time, complete diagnostics, phone technical support, custom configuration.

Raymark Software Enterprises

Store manager: Mark Sperber
150 17th St.
Oakland, CA 94612
(510)839-1784
Areas of Specialty (and In-House Specialist): Shareware; Fonts; Disk Duplication
Operating Systems Supported: Macintosh, Apple II
Top-Selling Brands in 1992: In-house, Apple, IBM
Special Value-Added Services: Shareware is our specialty! All software is tested for system compatibility. We offer free technical support and do software searches. Access a library of 20,000 titles.

Pacheco

Polaris MicroSystems

Store manager: Alden WeSt
5702 Marsh Dr., Unit E
Pacheco, CA 94553
(510)689-2600/(800)775-2601 Fax: (510)798-0645
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, UNIX, Novell
Top-Selling Brands in 1992: Mylex,ArtiSt Graphics,Viewsonic
Special Value-Added Services: 30 day money back guarantee. Lifetime technical support. Complete system & custom configuration. 2 year parts, 5 years labor warranty.

Palo Alto

Amica Inc.

Store manager: John H. Geng
4182 Coulombe Dr.
Palo Alto, CA 94306-3801
(415)493-1867 Fax: (415)493-1867
Areas of Specialty (and In-House Specialist): Motherboards & Add on Board, LAN (John Geng); IBM PC Compatible (Amy Geng); Computer Software (Julie Geng)
Operating Systems Supported: MS-DOS, Windows, Windows NT, UNIX
Top-Selling Brands in 1992: Amica
Special Value-Added Services: Computer and LAN installation, training, & servicing. Offshore sourcing on motherboards, add-on boards, cases, and computer peripherals.

Comtek Computer

Store manager: Sam Duong
3527 El Camino Real
Palo Alto, CA 94306
(415)424-8151 Fax: (415)424-8152
Areas of Specialty (and In-House Specialist): Database (Sam); Networking (Sam)
Operating Systems Supported: MS-DOS, Windows, Windows NT, Novell
Top-Selling Brands in 1992: Maxtor, ViewSonic, Orchid
Special Value-Added Services: We offer self-service training on building computers. 1 year parts and 1 labor. Phone technical support.

Connecting Point Laptop Center

Store manager: John Lynch
490 California Ave., Ste. 100
Palo Alto, CA 94306
(415)325-8509 Fax: (415)323-8308
Areas of Specialty (and In-House Specialist): Portable Computers (Henry WeinStein); Distributed Data Capture (Dennis Donahue); Sales Automation (John Lynch)
Operating Systems Supported: MS-DOS, Macintosh
Top-Selling Brands in 1992: Toshiba, NEC, Sharp
Special Value-Added Services: We are experts in portable computing including handhelds, notebooks, and laptops as well as associated connectivity solutions.

Fry's Electronics, Inc.

340 Portage Ave.
Palo Alto, CA 94306
(415)496-6000 Fax: (415)496-6060
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Macintosh
Special Value-Added Services: 7 day a week service, extended warranty, on-site service.

Palo Alto Micro Computer

Store manager: Mark
3483 El Camino Real
Palo Alto, CA 94306
(415)493-8209 Fax: (415)493-4572
Areas of Specialty (and In-House Specialist): Computer Drive DRAM CPU (David); Contoller; Boards, Hard Drive
Operating Systems Supported: MS-DOS, OS/2, UNIX
Top-Selling Brands in 1992: AST, DTK, PAM
Special Value-Added Services: Service, warranty, 30 day money back for some items.

PC Warehouse

Store manager: Johny Chen
454A California Ave.
Palo Alto, CA 94306
(415)321-9288 Fax: (415)321-9828
Areas of Specialty (and In-House Specialist): PC Hardware, software (Johnny Chen/Lester Fong)
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: Sony, PCW, NEC
Special Value-Added Services: Computer service, software installation, network installation and configuration, basic computer training.

USM Distributors/US March Systems

Store manager: Ricardo Carlos
540 University Ave.
Palo Alto, CA 94310
(415)325-0651 Fax: (415)325-2458
Areas of Specialty (and In-House Specialist): dBase (Joey Catagan); Networks (Joey Catagan)
Operating Systems Supported: MS-DOS, Windows, Windows NT, Novell
Top-Selling Brands in 1992: AMI, Micronics, Quickpath
Special Value-Added Services: Custom integration and networking. Government corporate and University P.O.'s welcome. 1 year parts and labor warranty.

Pittsburg

PC EveryWare

Store manager: Yael Li-Ron & Gary Young
300 E. Leland Rd., #103
Pittsburg, CA 94565
(510)427-6114 Fax: (510)427-9067
Areas of Specialty (and In-House Specialist): WordPerfect; dBase; Lotus/Quattro Pro
Operating Systems Supported: MS-DOS, Windows
Special Value-Added Services: We offer unlimited phone support in DOS Windows, Virus protection and more. We provide training in all major applications, plus DOS, Windows & Networking.

Pleasant Hill

CompuTown

Store manager: Shahid Azdee
1525 Contra Costa Blvd.
Pleasant Hill, CA 94523
(510)682-8696
Areas of Specialty (and In-House Specialist): Auto CAD (Mohammad Waseem); SUN (Imram Bawani); Novell/Netware (Rashid Naseem)
Operating Systems Supported: MS-DOS, OS/2, Macintosh, UNIX/Sun
Top-Selling Brands in 1992: AST, Zenith, Sharp
Special Value-Added Services: On-site service. Complete factory authorized repairs extended warranty.

R-Computer

Store manager: Ed Roth
30-B Golf Club Rd.
Pleasant Hill, CA 94523
(510)798-4884
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT
Top-Selling Brands in 1992: ViewSonic, Maxtor, Orchid
Special Value-Added Services: Lifetime labor warranty, 1 year parts. Complete technical support.

Pleasanton

Domino Computer

Store manager: Nes
6700 Santa Rita Rd., Ste. D
Pleasanton, CA 94588
(510)847-1771 Fax: (510)847-1712
Areas of Specialty: Customized Computer System
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: Spear, Everex
Special Value-Added Services: Build your own computer in our store, instant service and repair.

Libre Service Computer, Inc.

Store manager: Barry Baruh
5673 W. Las Positas, Ste. 211
Pleasanton, CA 94588
(510)416-1390 Fax: (510)416-1477
Areas of Specialty (and In-House Specialist): Novell (Mike Kury); LANtaStic (Mike Kury)
Operating Systems Supported: MS-DOS, OS/2, Windows, Novell

Multimedia

Large Selection

486
Computer System
- 486DX-33 64k Cache
- Mini Tower Case 200Watt
- 4mb Ram
- 120mb IDE Hard Disk
- 3.5" and 5.25" HD Flopplies
- Color 1024 x 768 .28 Video
- Keyboard / 2P 1S/ Game

$1498

486DX-50
Computer System
- 486DX-50 256k Cache
- Mini Tower Case 200Watt
- 4mb Ram
- 120mb IDE Hard Disk
- 3.5" and 5.25" HD Flopplies
- Color 1024 x 768 .28 Video
- Keyboard / 2P 1S/ Game

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386DX-40
Computer System
- 386DX-40 64k Cache
- Mini Tower Case 200Watt
- 4mb Ram
- 120mb IDE Hard Disk
- 3.5" and 5.25" HD Flopplies
- Color 1024 x 768 .28 Video
- Keyboard / 2P 1S/ Game

$1197

386SX-33
Computer System
- 386SX-33 64k Cache
- Mini Tower Case 200Watt
- 1mb Ram
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- Keyboard / 2P 1S/ Game

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BY CREATIVE LABS
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- 386SX -33 Motherboard	130
- 386DX-40 64C	180
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- 486DX-50 256C ISA	760
AMERICAN MEGATRENDS (AMI)	
- 486DX-33 ISA 256C	890
- 486DX-33 EISA 128C	1230
- 486DX-50 ISA Super Voyager	1230
- 486DX-50 EISA 128C Enterprise 2	1470
- 486DX2-66 256C ISA	1450
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Word for Windows	299.00
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Metal CPU Floor Stand	7.00
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Thrustmaster Weapons Control	89.95
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- 1 user add on kit	299.00
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- Lantastic AE2 Starter Kit	489.00
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- Lantastic Z	85.00
- Lantastic AE-2 10mb Net card	195.00
EAGLE NE2000 16bit Net card	159 95

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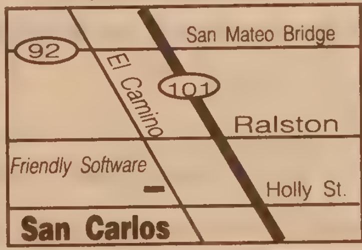
Friendly Software Store

11 years

376 El Camino Real, San Carlos

415-593-8275

Monday thru Friday	10:00 to 6:30
Saturday	10:00 to 5:00
Sunday	12:00 to 5:00



Top-Selling Brands in 1992: Libre Systems
Special Value-Added Services: Heavily service-oriented, plus we offer service contract. 3 year warranty. First year parts and labor on-site, 2nd and 3rd year labor only carry-in.

Libre Service Computers/Baratel Inc.

Store manager: Barry Baruh
5673 W. Las Positas #211
Pleasanton, CA 94588
(510)416-1390 Fax: (510)416-1477
Operating Systems Supported: MS-DOS, Windows
Special Value-Added Services: Service, training, support, upgrades. On-site and caring in contracts.

MicroAge of Pleasanton

Store manager: Mohan Ajmani
5690 Stoneridge Dr.
Pleasanton, CA 94566
(510)463-2263
Areas of Specialty (and In-House Specialist): Paradox Programming (Mohan Ajmani); Multimedia (Mohan Ajmani)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, SCO, Novell
Top-Selling Brands in 1992: HP, Compaq, IBM
Special Value-Added Services: Authorized sales and service on all brands, complete repairs, on-site available. We do Paradox programming, Multimedia solution available.

Rancho Cordova

Hi-Q Systems, Inc.

Store manager: Amando Navarro
11015-1 Olson Dr.
Rancho Cordova, CA 95670
(916)863-7076 Fax: (916)863-7098
Areas of Specialty (and In-House Specialist): MS DOS (Bruce Tsai); MS Windows series (Teck Ian); OS/2 and UNIX (Tony Hit)
Operating Systems Supported: MS-DOS, OS/2, Windows, SCO
Top-Selling Brands in 1992: Conner, Sony, Viewsonic
Special Value-Added Services: 30 day money back guarantee. 1 year parts and 2 years labor, lifetime technical support.

Redwood City

CADesign, etc.

Store manager: Jodie Gebhard
1733 Woodside Rd. Ste. 305
Redwood City, CA 94061
(415)365-5015 Fax: (415)365-5017
Areas of Specialty (and In-House Specialist): Facilities Management/CAD (John EgleSton); Architectural CAD/Animation/Video (Jodie Gebhard); CAD/Mechanical Drafting (Jodie Gebhard)
Operating Systems Supported: MS-DOS, Windows, Macintosh, Video Components-NTSC
Top-Selling Brands in 1992: DTK,Our custom systems, IBM clones
Special Value-Added Services: Systems integrator for vertical markets/evaluate products for that market, ensure compatiblility with the base system, provide training and back-up drafting development/customization services.

Computer Selection Business Center

Store manager: Craig Heung
2001 Middlefield Rd.
Redwood City, CA
(415)368-8828
Areas of Specialty: Desktop Publishing; Multimedia; Networking
Operating Systems Supported: MS-DOS, Windows, Windows NT, Macintosh
Top-Selling Brands in 1992: Apple, Compaq, Hewlett Packard
Special Value-Added Services: We offer in-house service, technical support (fee based), lowest price guaranteed (see store for details).

Richmond

(800)Software

Store manager: Christine Scott
1007 Canal Blvd.
Richmond, CA 94804
(510)412-1800 Fax: (510)412-1551
Areas of Specialty: Hundreds of business applications
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Macintosh
Top-Selling Brands in 1992: Microsoft, Borland, Lotus
Special Value-Added Services: Tech support, information services, wide range of publications, dedicated account managers, 9 million inventory, special order product availabilty, low prices.

Evergreen Computer International

Store manager: Sam Aarnos
2700 Rydin Rd., #C
Richmond, CA 94804
(510)526-8667 Fax: (510)526-1447
Areas of Specialty (and In-House Specialist): Software consulting (Staff); Networks (Staff); DTP (Staff)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, UNIX
Top-Selling Brands in 1992: NEC, Panasonic, Logitech
Special Value-Added Services: 5 year labor warranty. Corporate free delivery. Extended warranty availalble.

Sacramento

Domino Computer

Store manager: Kelvin
3019 Arden Wy.
Sacramento, CA 95825
(916)972-0311 Fax: (916)972-0593
Areas of Specialty: Customized Computer System
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: Spear, Everex
Special Value-Added Services: Build your own computer in our store, instant service and repair.

Whole Earth Access

Store manager: Louis Guice
3130 Arden Wy.
Sacramento, CA 95825
(916)489-1000
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Macintosh
Top-Selling Brands in 1992: Apple, Hewlett Packard, Toshiba
Special Value-Added Services: Service, training, support, extended warranties available. Demo days, seminars, best price guarantee, open weekends and evenings, wide assortment of products.

San Bruno

Comp USA

Store manager: Dennis R. Brown
1250 El Camino Real Ste. M3
San Bruno, CA 94066
(415)244-9990
Operating Systems Supported: MS-DOS, OS/2, Windows, Macintosh
Top-Selling Brands in 1992: Apple, Compudyne, Dell

Comtek Computer

Store manager: Du Huynh
1778 El Camino Real
San Bruno, CA 94066
(415)225-0153 Fax: (415)225-0154
Areas of Specialty (and In-House Specialist): Database (Du Huynh); Networking (Du Huynh)
Operating Systems Supported: MS-DOS, Windows, Windows NT, Novell
Top-Selling Brands in 1992: Maxtor, ViewSonic, Orchid
Special Value-Added Services: We offer self-service training on building computers. 1 year parts and 1 labor. Phone technical support.

San Carlos

Belmont System

Store manager: Andy Lin
1555 Industrial Rd.
San Carlos, CA 94070
(415)598-9058 Fax: (415)598-0186
Areas of Specialty (and In-House Specialist): Sales (Andy Lin); Technician (Vincent)
Operating Systems Supported: MS-DOS
Top-Selling Brands in 1992: 486-50 MHz, 386-40 MHz, 64K Cache systems
Special Value-Added Services: Best price, strong technical support.

Custom Database Solutions

Store manager: Don Whitecar
2 Meadowsweet Ln.
San Carlos, CA 94070
(415)592-5033 Fax: (415)592-5056
Areas of Specialty (and In-House Specialist): Database Solutions (Don Whitecar); Database Support (Don Whitecar); Database Training (Don Whitecar)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Macintosh, Others
Top-Selling Brands in 1992: FoxPro, R:Base, Oracle
Special Value-Added Services: CDS offers full-service database, file server and client server application design, implementation, and suport using FoxPro, Oracle, R Base, SQL Server, ObjectView, Forest & Trees, and more.

Friendly Software

Store manager: Al Thoman
376 El Camino Real
San Carlos, CA 94070
(415)593-8275 Fax: (415)593-3089
Areas of Specialty: AT&T Computer Networks; DOS Software; Friendly Software Computers
Operating Systems Supported: MS-DOS, Windows, Windows NT
Top-Selling Brands in 1992: AT&T, Microsoft, Okidata
Special Value-Added Services: Service, support, return policy, installation.

Hi-Tech USA

Store manager: Taou Chou
981 B Industrial Rd.
San Carlos, CA 94070
(415)508-8688 Fax: (415)508-0383
Areas of Specialty (and In-House Specialist): System Engineering (Taou); Novell Network (Johnny); Marketing & Windows (Raymond)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT
Top-Selling Brands in 1992: 486-50 EISA, 486-50 ISA, 486-33 ISA

Continued on page 60

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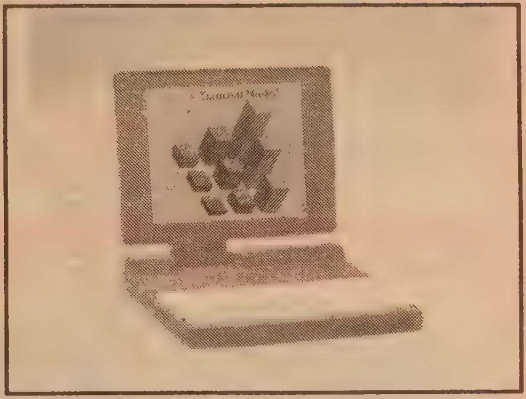

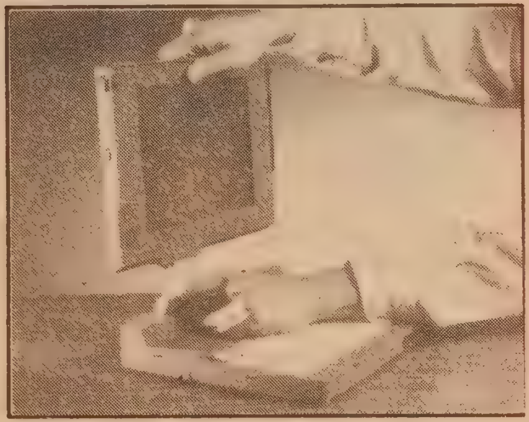

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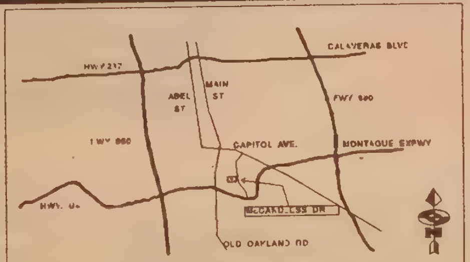

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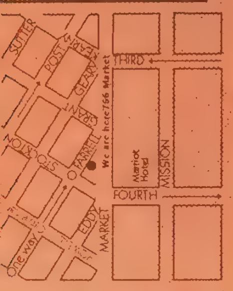

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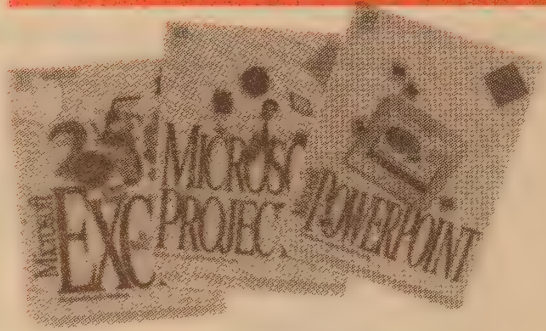

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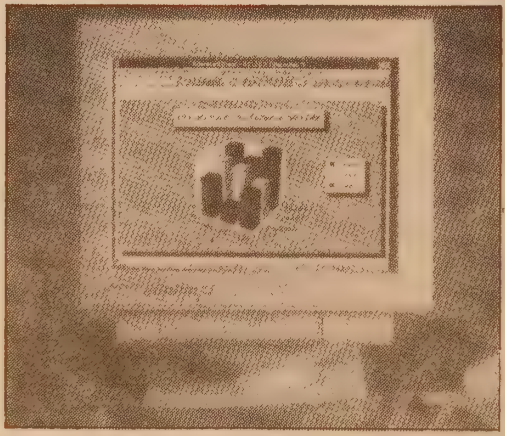

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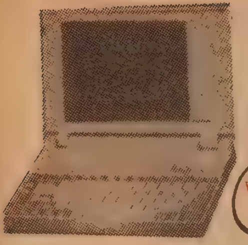

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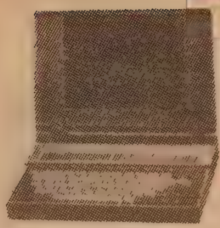

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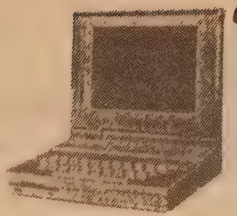

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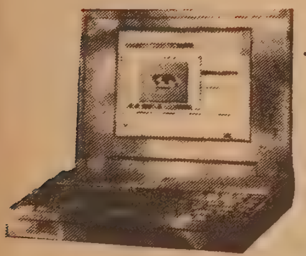

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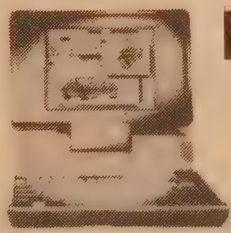

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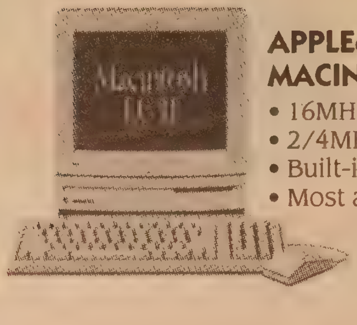

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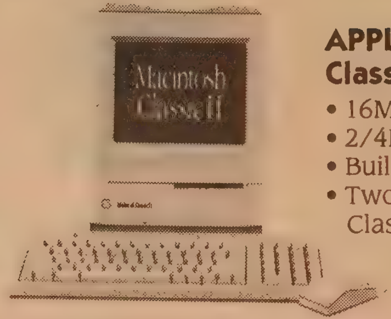

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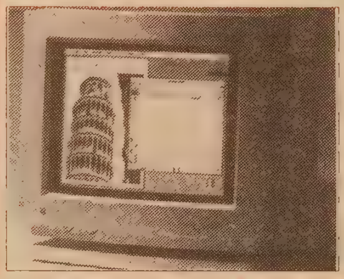

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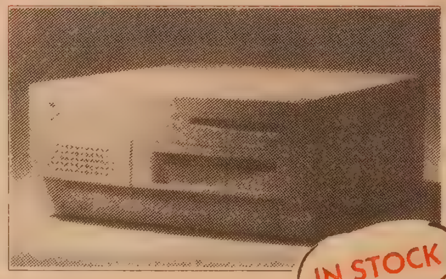

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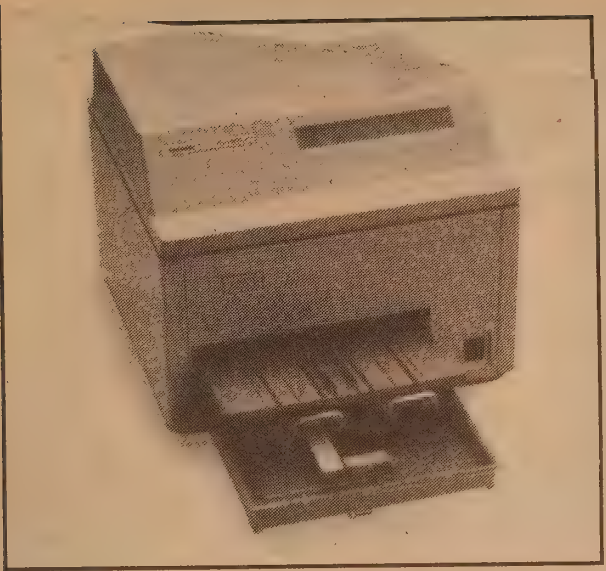

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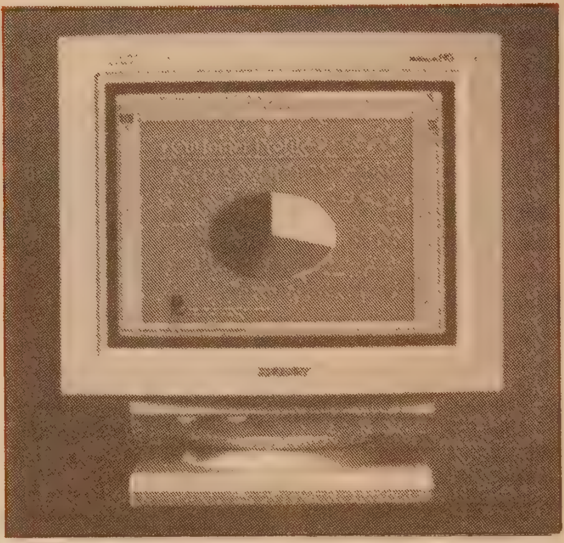

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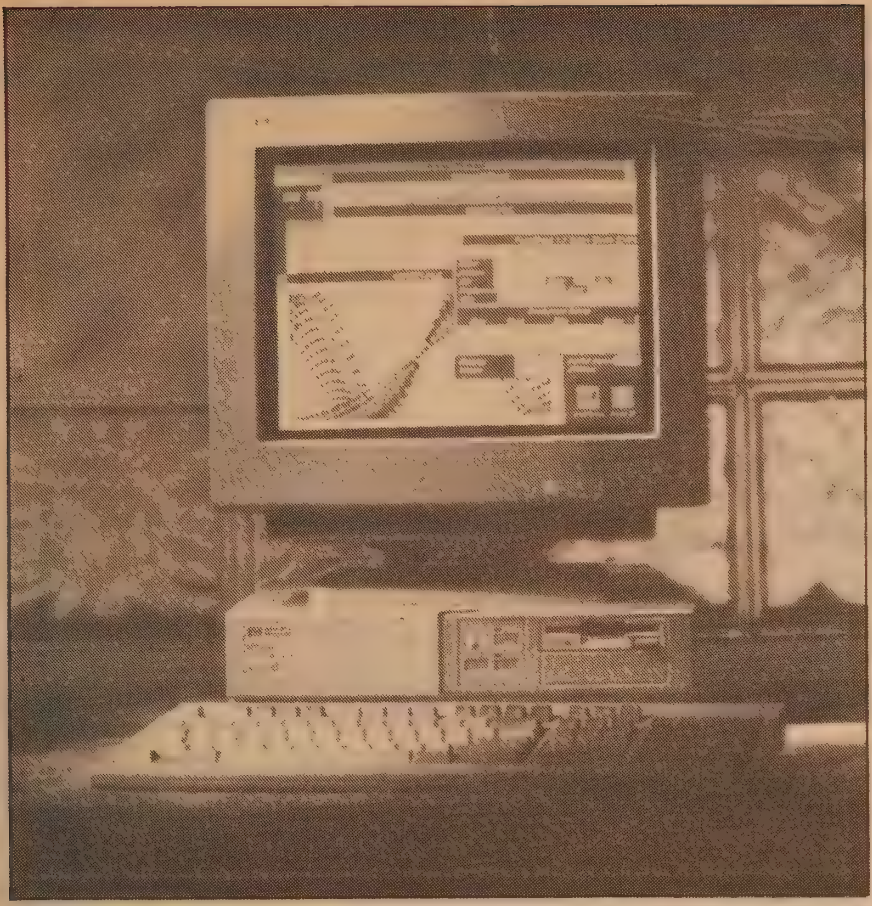
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HEWLETT PACKARD
Authorized Dealer

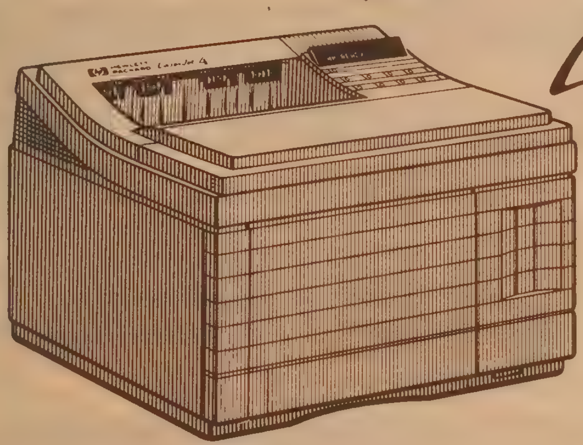
HP PRINTER

NEW PRINTER FROM HP. Call!

COMPUTOWN PRESENTS 600 DPI HP LASERJET QUALITY AT A 300 DPI PRICE.

LaserJet 4m
FOR MAC/PC ENVIRONMENT

LaserJet 4
FOR PC/WINDOWS USERS



HP LASERJET 4 PRINTER

The Hp LaserJet 4 printer is the next generation HP LaserJet that provides superior output quality at a breakthrough price.

- Resolution Enhancement technology and microfine toner for superior output quality
- Fast 8 ppm printing for complex document
- 2 MB memory standard (6 MB on LJ 4M)

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HEWLETT PACKARD LASERJET IIIP

- Superior 300 dpi print quality
- Resolution Enhancement Technology Prints fonts and graphics faster than other laser printers

Now only $995

HEWLETT PACKARD LASERJET IIP PLUS

- High quality 300 dpi text and graphics printing
- Compact desktop size

Now only $769

HEWLETT PACKARD LASERJET III Si

- 17 pages per minute
- Built in scalable typefaces
- RISC processor ensures fast text and graphics processing

CALL

HP WORKSTATION

HP Apollo Series 700 Model 710 Workstation

The HP Apollo Series 700 family of workstations represents a real power shift - shifting the power of information directly to those who need it most. The users. The Series 700 workstations are easily the most powerful, cost effective RISC-based line of workstations on the market.

Model 710 shown. CPU performance - 50 MHz, RAM 16-64 MB. Disk capacity - Internal 840 MB Maximum 9.45 GB, CD-ROM (optional) 3.5" DDS Tape (optional), 3.5" Floppy. Monitor options - Grayscale 19", Color 16", Color 19". Graphic Options X11/ PHIGS, X11/Starbase, PowerShade.

COME EXPERIENCE FOR YOURSELF THE POWER OF THE HP WORKSTATION AT OUR SAN FRANCISCO LOCATION.

Call Directly:
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Products serviced: AST(Computers, notebooks, monitors) COMPAQ (Computers, notebooks, monitors) HP (printers) NEC (laptops)

Computown

San Francisco **415/956-8696** Mountain View **415/962 8696** Pleasant Hill **510/682-8696** Milpitas **408/262-1200**

Continued from page 52

Special Value-Added Services: 1 year parts and labor.

San Francisco

Adolph Gasser, Inc.

Store manager: Don Shearer
181 Second St.
San Francisco, CA 94610
(415)495-3852 Fax: (415)543-2615

Areas of Specialty (and In-House Specialist): Computer Imaging (Don Shearer); Image Output (Don Shearer); Image Capture (video/scan) (Don Shearer)
Operating Systems Supported: MS-DOS, OS/2, Amiga, Macintosh
Top-Selling Brands in 1992: Targa, Everex, Kodak
Special Value-Added Services: Computer imaging seminars, turnkey imaging, system installations from linage capture to output and even beyond photographics processing.

Atman Computer, Inc.

Store manager: John Yu
5856 Geary St.
San Francisco, CA 94121
(415)751-6046 Fax: (415)751-4586

Areas of Specialty (and In-House Specialist): IBM PC Compatible (John Yu); Multimedia (Patrick)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT
Top-Selling Brands in 1992: Samsung, Maxtor Hard Drives, Forel main boards
Special Value-Added Services: 1 hr. walk in service, support.

Big Horse, Inc.

Store manager: Jeffrey Hardy
PO Box 460040
San Francisco, CA 94146
(415)648-1604 Fax: (415)648-1604

Areas of Specialty: Software for motion picture
Operating Systems Supported: MS-DOS, Macintosh
Top-Selling Brands in 1992: Film Profit
Special Value-Added Services: Film Profit is a software and book combination which makes film professionals more competitive in the search for funding and making money from their films.

CBE Systems

Store manager: David Law
715 Broadway St.
San Francisco, CA 94133
(415)956-5524 Fax: (415)981-6832

Areas of Specialty (and In-House Specialist): DOS (Staff); Windows (Staff)
Operating Systems Supported: MS-DOS, Windows, Windows NT, Novell
Top-Selling Brands in 1992: Maxtor, Conner
Special Value-Added Services: 1 year parts, 3 year labor. Open 6 days a week, custom configuration.

Certified Network Educators

Store manager: Paul Jones
500 Washington St., Ste. 710
San Francisco, CA 94111
(800)526-7883

Areas of Specialty: Novell Training; CNE Certification
Operating Systems Supported: MS-DOS, OS/2, Windows, UNIX
Top-Selling Brands in 1992: Novell
Special Value-Added Services: On-site training and classroom support.

Comart Business Systems, Inc.

Store manager: Joyce Chun
843 Howard St.
San Francisco, CA 94103
(415)896-1765 Fax: (415)896-2582

Areas of Specialty (and In-House Specialist): Novell network installation (Long Nguyen); DOS and Windows (Joel Cusi, Joe Puig); LANtastic (Long)
Operating Systems Supported: MS-DOS, OS/2, Windows, UNIX, LANtastic
Top-Selling Brands in 1992: Hewlett Packard, AST, Everex
Special Value-Added Services: Comart offers service and support on HP, Everex, Hyundai, Citizen, AST, Okidata, Novell, Panasonic printers, and Comart also is an authorized service center for HP; Hyundai, Okidata products.

Compu-Data

Store manager: Sammi Daniel
685 Folsom St.
San Francisco, CA 94107
(415)495-3422 Fax: (415)495-1952

Areas of Specialty (and In-House Specialist): System Integration (Claude Sajame); Network Specialist (Paul Webb); Purchasing Manager (Sammi Daniel)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Macintosh, Novell
Top-Selling Brands in 1992: Compu-Data PCs, Orchid Technologies,Viewsonic Monitors
Special Value-Added Services: 2 year warranty on labor, 1 year on parts, 100% compatability guarantee in first year, or money refunded.

Computer Selection Business Center

Store manager: George Antone
201 Mission St.
San Francisco, CA 94
(415)543-9888 Fax: (415)777-1177

Areas of Specialty: Desktop Publishing; Multimedia; Networking
Operating Systems Supported: MS-DOS, Windows, Windows NT, Macintosh
Top-Selling Brands in 1992: Apple, Compaq, Hewlett Packard
Special Value-Added Services: We offer house service, technical support (fee based) lowest price guaranteed (see store for details).

CompuTown

Store manager: Mohammad Waseem
760 Market St.
San Francisco, CA 94107
(415)956-8696 Fax: (415)989-8696

Areas of Specialty (and In-House Specialist): AutoCAD (Mohammad Waseem); SUN (Imram Bawani); Novell/Netware (Rashid Naseem)
Operating Systems Supported: MS-DOS, OS/2, Macintosh, UNIX/Sun
Top-Selling Brands in 1992: AST, Zenith, Sharp
Special Value-Added Services: On-site service. Complete factory authorized repairs extended warranty.

Domino Computer

Store manager: Cynthia
3400 Geary Blvd.
San Francisco, CA 94118
(415)668-9311 Fax: (415)668-0550

Areas of Specialty (and In-House Specialist): Customized Computer System
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: Spear, Everex
Special Value-Added Services: Build your own computer in our store, instant service and repair.

DSi Technologies

Store manager: Mui-Nan Kao
1415A Jackson St.
San Francisco, CA 94109
(415)441-2160 Fax: Modem:(415)922-7225

Areas of Specialty (and In-House Specialist): Telecommunication (William Lam)
Operating Systems Supported: MS-DOS, Windows, Telecom
Special Value-Added Services: Delivery & installation in Bay Area & Silicon Valley. Two-hour free labor for future services. Free buyer's consultation.

InfoTech

Store manager: Co. Quach
405 Arguello Blvd. #200
San Francisco, CA 94118
(415)666-0431 Fax: (415)666-0531

Areas of Specialty (and In-House Specialist): Hardware (Co); Word Perfect 5.1 (David); Lotus 1-2-3 (Peter)
Operating Systems Supported: MS-DOS, Windows, Altos, HP
Top-Selling Brands in 1992: MS-DOS, Windows, NW Lite
Special Value-Added Services: Training class, technical support, rental & repair. 1 year warranties on parts and labor, IBM compatibles, desktop and notebook. Best pricing.

LCI Computers

Manager: Dennis Levy/Jennifer Hill
439 Pine St.
San Francisco, CA 94104
(415) 981-6666

Areas of Specialty (and In-House Specialist): Computer Sales, Inside (Jennifer Hill); Corporate/Volume Sales (Dennis Levy); Installations, Repairs, LANS, SCO UNIX (Keith Newham)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT
Top-Selling Brands in 1992: Fountain, Sharp, Toshiba
Special Value-Added Services: Local area network and computer installations, SCO UNIX, repairs, training (DOS, WordPerfect), consulting, programming, point-of-sale systems, new computer user assisting, volume sales, 1 year warranty.

Libre Service Computer, Inc.

Store manager: Chris
1959 Ocean Ave.
San Francisco, CA 94127
(415)584-1122 Fax: (415)584-1123

Areas of Specialty (and In-House Specialist): Novell (Jeff Chang); LANtastic (Jeff Chang)
Operating Systems Supported: MS-DOS, OS/2, Windows, Novell
Top-Selling Brands in 1992: Libre Systems
Special Value-Added Services: Heavily service-oriented plus we offer service contract. 3 year warranty. First year parts and labor on-site, 2nd and 3rd year labor only carry-in.

MacAdam Computer

Store manager: Paul Micalizio
1062 Folsom St.
San Francisco, CA 94103
(415)863-6222 Fax: (415)863-6498

Areas of Specialty (and In-House Specialist): Multimedia (Doug Rickerson); NeXT (Hal Fox-Palmer); Point of sale inventory management (Paul/Tom)
Operating Systems Supported: Macintosh, NeXT
Special Value-Added Services: Graphics Solutions

Micro Enhancements Int'l./Computer World

Store manager: Mark Kockos/Casey Cass
2477 Chestnut St.
San Francisco, CA 94123

Areas of Specialty (and In-House Specialist): Medical Applications (Anthony Dintcho); CAD/Graphic Applications (Mark Kockos); Accounting Applications (Casey Cass)
Operating Systems Supported: MS-DOS, OS/2, Windows, Macintosh
Top-Selling Brands in 1992: In-house Axis brand, Microsoft, Everex
Special Value-Added Services: Full-service support in and out of warranty. Full return policy for MIS-orders. On-site installations—support.

Senior Engineer Scott Said: Legend 486 Computer System has the best quality and Value "

Monthly Special
SONY 1304S
$ 519

Legend

Manufacturer's Price
High Quality Approved

SYSTEM	BASIC SYSTEM	BASIC SYS +40MB HDD +12" MONO &MGP CARD	BASIC SYS +40MB HDD +VGA CARD & MONITOR	BASIC SYS +40MB HDD +SVGA CARD & MONITOR	BASIC SYS +80MB HDD +SVGA CARD & MONITOR	BASIC SYS +120MB HDD +SVGA CARD & MONITOR	BASIC SYS +200MB HDD +SVGA CARD & MONITOR
486DX2-66 EISA	995	1237	1361	1391	1441	1491	1574
486-50/64C EISA	990	1232	1356	1386	1436	1486	1569
486-33/64C EISA	785	1027	1151	1181	1231	1281	1364
486DX2-66 ISA	847	1089	1213	1243	1293	1343	1426
486-50/64C ISA	852	1094	1218	1248	1298	1348	1431
486-50C ISA	662	904	1028	1258	1308	1358	1441
486-33C ISA	480	722	846	876	926	976	1059
486SX-25C ISA	358	600	724	754	804	854	937
386-40/64C	317	559	683	713	763	813	896
386DX-33	308	550	674	704	754	804	887
386SX-33	262	504	628	658	708	758	841
386SX-25	249	491	615	645	695	745	828

BASIC SYSTEM CONFIGURATION:

Motherboard + CPU, 1 MB Memory Installed, 1:1 2 HD/2FD Controller, 1.2 MB or 1.44MB Floppy Drive, Internal Clock/Clendar, Enhanced Case with Power Supply, & 101 Enhanced Key Board.

LEGEND HOLIDAY SUPER SALE !!!

486DX2-66/486DX-50

- High Quality Legend Motherboard
- 486CPU/64K Cache
- 8MB RAM
- IDE I/O (2HD/2FD 2S/P/G)
- 1.2MB Floppy Drive
- 1.44MB Floppy Drive
- 200MB Hard Drive
- SpeedStar 24X w/1MB
- 14" Non-Inter.SVGA Monitor 1024x768 0.28 dp
- Super Tower w/Fan
- 285 W Power Supply
- 101 Enhanced Keyboard

$ 2035/2019

486 – 33/64K

- High Quality Legend Motherboard
- 486CPU/64K Cache
- 4MB RAM
- IDE I/O (2HD/2FD 2S/P/G)
- 1.2MB Floppy Drive
- 1.44MB Floppy Drive
- 120MB Hard Drive
- Trident 1MB SVGA Card
- 14" SVGA Monitor 1024x768 0.28 dp
- Mini Tower w/Fan
- 230W Power Supply
- 101 Enhanced Keyboard

$ 1204

386-40/64K

- 80386DX-40 CPU
- 4MB RAM
- IDE I/O (2HD/2FD 2S/P/G)
- 1.2MB Floppy Drive
- 1.44MB Floppy Drive
- 120MB Hard Drive
- Trident 512K SVGA
- 14" SVGA Monitor 1024x768 0.28 dp
- Mini-Tower w/Fan
- 230W Power Supply
- 101 Enhanced Keyboard
- Math. Co-processor Socket

$ 1034

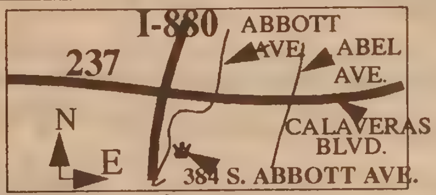
386SX-25

- 80386SX-25 CPU
- 2MB RAM
- IDE I/O (2HD/2FD 2S/P/G)
- 1.2MB Floppy Drive
- 1.44MB Floppy Drive
- 80MB Hard Drive
- 14" SVGA Monitor 1024x768 0.39 dp with 256K Card.
- Mini-Tower w/Fan
- 230W Power Supply
- 101 Enhanced Keyboard
- Math. Co-processor Socket

$ 779

Legend Computer Inc.
384 South Abbott Ave.
Milpitas, CA. 95035
TEL: (408)262-6861
FAX: (408)262-6315

Business Hours:
Mon-FRI 10AM-7PM
SAT 10AM-6PM
SUN 1PM-4PM



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* Not responsible for typos

Uncle Ralph's

Monitors

Packard Bell Non-Interlaced Low Radiation Super VGA
1024 x 768
$369

Standard Technology
Super VGA, 1024 x 768
Resolution, .39 Dot Pitch
$249

Touch Super VGA
1024 x 768 Resolution, .28 Dot Pitch
$299

Magnascan 20"
- 1280 x 1024
- Non-Interlace

$1497

Hard Drives

Seagate 40MB	$199
Maxtor 80MB	$249
Maxtor 130 MB	$299
Maxtor 213 MB	$399

Mice

Microsoft Compatible 3 Button Mouse	$19.69
PCA Joystick	$24.69
PCA Trackball	$49.69
Logitec MouseMan	$79.69

Fax/Modems

2400 Baud Modem	$39.69
AMS 24/96 Fax/Modem	$79.69
Practical Peripherals 2400 Baud Pocket Modem	$117.69
Big Mouth Voice Mail Put your old PC to work.	$177.69
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SONY CD-ROM

- 380 MS Average Access Time
- Built-In Audio
- 5.25" Internal Form Factor
- AT Bus Compatibility

$329 with Ad

Scanners

Info Greyscale scanner	$99.69
Logitec ScanMan 256	$297.69

SoundBlaster Pro

with Midi Interface $197.69

Good Questions to Ask Before You Buy a Computer...

Is the system FCC B Certified so you don't have to worry about interfering with your neighbors' TV and radio reception?

How long will you have to wait if your computer needs service? Will you have to wait for parts?

Is the system you want to purchase available immediately or will you have to wait for it to be assembled?

If a deposit is required, is it refundable?

Is the store's satisfaction and refund policy in writing? Is there a restocking fee?

Are you getting legal copies of DOS and Windows, or is there an extra charge for manuals?

Is there an extra charge for features which most stores include free?

Is there an extra charge for credit card purchases?

IBM 386-SX Systems

386SX20 PS/1

- 40MB Hard Drive • 2MB RAM
- VGA Color Monitor
- Modem • Mouse
- DOS 5.0 • Microsoft Works
  Plus: Word Processing • Spreadsheet • Database

$697 $35 Month

Monitor Included

386SX25 170MB Hard Drive

- Super VGA Color Monitor
- Modem • Mouse
- 2 Floppy Drives
- Windows • Prodigy • DOS
  Plus: Works for Windows, Quicken for Windows, Virus Check and More!

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IBM 486-33 with OS/2

Super VGA Color

- 211 MB Hard Drive
- 8MB RAM
- 128k Static RAM Cache
- Hi-Definition Super VGA Monitor
- 2 Floppy Drives • Modem
- OS/2 Operating System

Available Today $2397 $120 Month

About Uncle Ralph's Computers...

All of our computers include a written money back satisfaction guarantee. Except for special ordered parts, there are no restocking fees.

All of our systems are FCC Certified so you won't have to worry about interferring with your neighbor's reception.

All software includes manuals and can be registered for manufacturer's support.

Our 386 and 486 systems include a sharp .28 dot pitch SVGA monitor. Less expensive monitors are available.

All systems include keyboard, two serial, parallel and game ports.

Systems are usually available for immediate delivery.

There is no extra charge for credit card purchases.

If one of our computers needs service and we can't have it ready the same day, we'll give you a loaner (unless you bring it in really late in the day).

486-33 $1997 486-50 $2497

Super Systems at Super Prices

486-33

- 200 MB Hard Drive
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- 256k Static RAM Cache (512k max.)
- Hi-Definition Super VGA Monitor
- AMI Upgradeable Bios
- 2 Floppy Drives • 1MB Video Card
- 33Mhz Designed to Upgrade to 66Mhz
- 5 Year Dallas Smart Clock/Battery
- MS Windows 3.1 • DOS 5.0

$95 Month

Available Today

Power

486-50

- 213 MB Hard Drive
- 8MB RAM
- 256k Static RAM Cache (512k max.)
- Non-Interlaced Super VGA Monitor
- Paradise Windows Acellerator Card
- AMI Upgradeable Bios • 2 Floppy Drives
- 50Mhz Designed to Upgrade to 100Mhz
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- MS Windows 3.1 & DOS 5.0

$125 Month

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Includes Uncle Ralph's Lifetime Labor Warranty

Call to confirm pricing due to fluctuating CPU and RAM costs.

BEST OF THE EAST BAY 1992

VOTED BEST Computer Store

East Bay Express Best of the East Bay '92 Readers' Poll

Uncle Ralph's

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TDK

Box of 10

MF 2DD $5.99

MF 2HD $9.99

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0% Financing Up to $2500

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Same Day Repair Service, 7 Days a Week!

If you have a problem with one of our computers we can usually have it fixed while you wait. We have an excellent technical support staff that's dedicated to keeping you happy.

Lowest Prices... Guaranteed!

When you buy at Uncle Ralph's, you get our lowest price gaurantee. If you find it for less at another local dealer we'll match that price, now or up to 30 days after you buy! We'll even give you an extra 10% of the difference for your trouble.

Satisfaction Guaranteed

If you have equipment problems, or just need advice, we're here to help. And if you're not satisfied with your purchase, we have a 10 day refund/ 30 day exchange policy. (Does not apply to laser printers after toner has been added.)

Helpful Advice...

Before you buy we'll take the time to help you choose what's right for you. We have an excellent selection and a knowledgable staff that make it easy for you to make the right decision.

Lifetime Labor Warranty on Uncle Ralph's Brand Computers

We design our computers to last forever. All parts on Uncle Ralph's Brand computers are covered for one year and our labor is guaranteed for life.

SUPER NOTEBOOKS!

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- 60 MB Hard Drive
- 2 MB RAM

60 MB hard drive, VGA screen and weighs only 6.6 lbs. with battery. Includes MS-DOS, and external AC power adaptor.

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MITAC 386-SL20 Notebook

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- 2 MB RAM • VGA Screen

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SHARP 386-SL20 Notebook

- 80 MB Hard Drive
- 2 MB RAM • VGA Screen
- Built-in Trackball

$1697 $85 Month

Chaplet 386 SXL-25 Ultra Slim

Only 5.5 Lbs.

$1897

- 80 MB Hard Drive
- 2 MB RAM
- Built-In Trackball

$95 Month

Avanti 486 Notebook

- 25 Mhz 486-SLC
- 4 MB RAM
- 120 MB Hard Drive
- 6 Hour Battery Life
- Fax Modem • WinFax
- Windows and the best screen and keyboard

Avanti

$2897 $150 Month

Twinhead SlimNote 486-33

- 4 MB Expandable RAM
- 130 MB Hard Drive
- VGA Screen

$2997 $155 Month

PRINTERS

Panasonic 24 Pin Printer

• 240 CPU **$227**

Portable Ink Jet Printer

Perfect Laptop Accessory

brother **$297**

Royal Inkjet Printer

With Cutsheet Feeder **$397**

OKIDATA Desktop LED Printer

$50 Rebate

This laser quality 300 dpi printer has crisp blacks and publication quality output. HP Series II compatible, with standard typefaces/fonts and a slim, low-profile design.

$577 After Manufacturer's Rebate

EVEREX Postscript

2.5 MB RAM 35 Fonts

This printer is fast, with a 25 mhz processor, flexible and simple to use. Bundled with 35 Adobe compatible postscript fonts, 2.5 MB RAM, and prints at 6 pages per minute.

$1247 $62 Month

brother Best Laser Printer Value on the Market

10 Pages Per Minute Scaleable Fonts

Hot new printer takes up 50% less desktop space than HP LJIII, but it's 25% faster, has more fonts (36), better paper handling. PCL 5, and resolution enhancement.

$1197 $60 Month

FAX MACHINES

Just the FAX - Small & Simple

BellSouth Products

Basic fax machine, small in size and simple to operate with automatic FAX/TEL switching, and 16-level gray scale (half-tone). Capability to connect with telephone answering machine.

$297.69

Panasonic Integrated Fax/Answering System

Integrated fax/answering machine system with automatic phone/fax switching. Full remote control answering machine with digital chip OGM. Fax section includes 10 page document feeder.

Panasonic **$389.69**

Murata's Great Home-Office Necessity

Fax machine with paper-cutter and one touch speed dialer. This time saving machine includes a 10 page document feeder and 70 telephone number presets.

$477.69 $22 Month

MURATA

Panasonic Fax/Answer System

Paper Cutter

Automatic fax/phone switching. Send features include 10 page document feeder, half-tones and sequential broadcasting. Answer machine features are Panasonic's finests

Panasonic **$527.69** $26 Month

2569 Telegraph Ave. Berkeley
5 blocks south of U.C.
(510) 841-5280
FAX NUMBER: 841-4743
Open 7 days: M-F 10-8, Sat 10-7, Sun 11-6

Free Parking

Items limited to stock on-hand & subject to prior sale. Ad expires 12-14-92. © Uncle Ralph's, 1992

Uncle Ralph's

Your Uncle in the Business!

Uncle Ralph's Credit

- Low Monthly Payments
- Approval Usually within Minutes

Subject to lender approval. Monthly payments subject to interest surcharge. Minimum monthly payment per account is $20. Down payment may be required. Interest payments based on 24 months O.A.C. Based on 21% A.P.R

1993 MicroTimes Guide to Northern California Computer Resellers

MicroAge-Bay Area Computers
Store manager: Joseph Mansour Boudames
130 Sansome St.
San Francisco, CA 94104
(415)393-9600 Fax: (415)393-9640
Areas of Specialty: WordPerfect, Microsoft WIndows; Novell, Lotus, Quattro Pro; Paradox, Microsoft Word
Operating Systems Supported: MS-DOS, OS/2, Windows, Macintosh, UNIX
Top-Selling Brands in 1992: Cedars, Compaq, HP
Special Value-Added Services: Service, support, training, warranties.

MicroCounsel
Store manager: Kendall Callas
145 Montgomery St., #300
San Francisco, CA 94104
(415)921-6850 Fax: (415)296-7816
Areas of Specialty (and In-House Specialist): WordPerfect (Kendall Callas)
Operating Systems Supported: MS-DOS, UNIX, VAX/VMS
Top-Selling Brands in 1992: WordPerfect
Special Value-Added Services: Training, consulting, macro programming, document assembly, planning, installation.

MicroLink Data Systems
Store manager: Pearson Huang
4721 Geary Blvd., (11th Ave.)
San Francisco, CA 94118
(415)750-0650 Fax: (415)750-0649
Areas of Specialty (and In-House Specialist): Multimedia; Novell; SCO UNIX
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, UNIX, Novell
Top-Selling Brands in 1992: MDS Systems, Orchid, High Capacity
Special Value-Added Services: Warranty 1-2-3. 1 year parts, 2 years motherboard, 3 years labor.

MPS Multimedia Inc.
Store manager: Steve Chen
342 WeSt Portal Ave.
San Francisco, CA 94127
(415)731-4677 Fax: (415)731-1217
Areas of Specialty (and In-House Specialist): Multimedia Peripherals (Jeffrey Chen); CD-ROM drives (Edgar Chen); Macintosh QuickTime (Nathan Vogel)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Amiga, Macintosh
Top-Selling Brands in 1992: Texel 3021 CD-ROM Drive, ProAndro Spectrum Plus, Sound Blaster Pro
Special Value-Added Services: As a Multimedia only VAR, MPS offers knowledgeable sales and support on multimedia products, peripherals and integrated systems for IBM and MAC.

Noe Valley Computers
Store manager: Nell LancaSter
100 Clipper St.
San Francisco, CA 94114
(415)282-3000 Fax: (415)641-0141
Areas of Specialty (and In-House Specialist): Power LAN Peer to Peer Network (Howard Petrick); Print sharing devices (Howard Petrick); LANtastic/WordPerfect (Howard Petrick)
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: NVC Clone, HP, Grafika
Special Value-Added Services: On-site repair and service for PCs, Mac's and Laser Printers. In-house repairs often done in 24-48 hrs. 1 year on-site parts and labor warranty on everything we sell.

Pioneer Computer Systems
Store manager: Jack Mak
215 2nd St.
San Francisco, CA 94105
(415)543-4680
Areas of Specialty (and In-House Specialist): Programming (Lawrence Lee); System Consultant (Jack Mak); Service, Repair (Lawrence Lee)
Operating Systems Supported: MS-DOS, Windows, Macintosh
Top-Selling Brands in 1992: Hewlett Packard Printer, Fujitsu Scanner & Hard Disk, Samsung Computer & Notebook
Special Value-Added Services: Computer programming service, on-site and in-store training class, repair and hardware-software sale. 1 year warranty parts and labor. A computer accounting software service and training.

RamComp
Store manager: Javed Khan
690 Market St., Ste. 514
San Francisco, CA 94104
(415)986-5125 Fax: (415)986-3677
Areas of Specialty (and In-House Specialist): System Configuration (Majeed Malik); Networking (Majeed Malik); Setting up Multi-user work Stations (Majeed Malik)
Operating Systems Supported: MS-DOS, OS/2, Amiga, Macintosh, UNIX
Top-Selling Brands in 1992: AST, Everex, Gateway 2000
Special Value-Added Services: After sale support and service including warranties.

SF Micro, Inc.
Store manager: Tim Yu
1143 Post St.
San Francisco, CA 94109
(415)929-1505 Fax: (415)922-1187
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: Everex, AST, NEC
Special Value-Added Services: Service center & on-site service.

SF State University Downtown Center
Store manager: Marci Manderscheid
814 Mission St.
San Francisco, CA 94103
(415)543-4250 Fax: (415)974-6107
Special Value-Added Services: Autodesk training center offering all levels of AutoCAD training. Authorized Microsoft training, etc.. Also offering intergraph/MicroStation training.

Whole Earth Access
Store manager: Gerald Matoi
401 Bayshore Blvd.
San Francisco, CA 94124
(415)285-5244 Fax: (415)285-7732
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Macintosh
Top-Selling Brands in 1992: Apple, Hewlett Packard, Toshiba
Special Value-Added Services: Service, training, support, extended warranties available. Demo days, seminars, best price guarantee, open weekends and evenings, wide assortment of products.

Wizard Technology
Store manager: Greg Thomas
658 Eighth Ave.
San Francisco, CA 94118
(415)668-5542
Areas of Specialty (and In-House Specialist): Multimedia (Jonn Milikan); Sound & Video (Greg Thomas)
Operating Systems Supported: MS-DOS, Windows, Windows NT
Top-Selling Brands in 1992: Syncrotech 486-33, Multimedia Explosion
Special Value-Added Services: 1 year warranty. 24 hour support, installation.

San Jose

AAM Tech
Store manager: Mr. Victor
1650 Zanker Rd., #244
San Jose, CA 95112
(408)441-6244 Fax: (408)441-8221
Areas of Specialty (and In-House Specialist): Computer Components; Computer Memory
Top-Selling Brands in 1992: Computer Components, Memories
Special Value-Added Services: 30 day money back guarantee. 3 year memory-working warranties.

Alpha Business Computing, Inc.
Store manager: Mike Wang
738 Charcot Ave.
San Jose, CA 95131
(408)432-1698 Fax: (408)432-8730
Areas of Specialty (and In-House Specialist): Database (Isaac Cheng); Computer Graphics (Isaac Cheng); Local Area Network (Mike Wong, Isaac Cheng)
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: Alpha Systems,WEN Monitors, Conner
Special Value-Added Services: We provide 15 day unconditional return and 1 year parts and labor warranties.

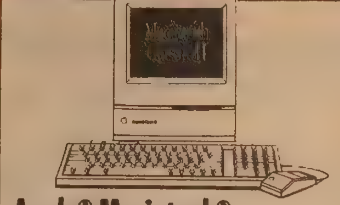
AMT International
Store manager: Prashant Shah
3074 Landess Ave.
San Jose, CA 95182
(408)942-9695 Fax: (408)942-5509
Areas of Specialty (and In-House Specialist): Window; DOS; OS/2
Operating Systems Supported: MS-DOS, Windows, Macintosh
Top-Selling Brands in 1992: Conner, Intel, Cubix
Special Value-Added Services: AMI International provides 1 year parts and labor warranty. Also, AMT provides technical support. We have a group of businesses. If something does not work or fit to your computer, we refund or simply return after 30 days. We charge 15% restocking fee.

Anova MicroSystems, Inc.
Store manager: Raymond Chuang
2287 Ringwood Ave.
San Jose, CA 95131
(408)943-1660 Fax: (408)943-9660
Areas of Specialty (and In-House Specialist): Windows, OS/2, Software application (Cliff Yu); MultiMedia, Network (Daniel Hsu)
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: Orchid, AIR, ata Expert
Special Value-Added Services: Manufactures and distributes personal computer systems and full line of computer peripherals and accessories for a complete computing solution.

Apex Advanced Tech
Store manager: Po-Yin Chu
3048 Scott Blvd.
San Jose, CA 95054
(408)727-4090 Fax: (408)727-4140
Areas of Specialty (and In-House Specialist): Build Systems (Po-Yin Chu, Jung-Ming Tarng, Ken Chu)
Operating Systems Supported: MS-DOS
Top-Selling Brands in 1992: Genoa VGA card, Motherboard

Apollo Computer Systems
272 South 12th St.
San Jose, CA 95112
(408)295-0869 Fax: (408)993-9836

Authorized Dealer



Apple® Macintosh® Classic® II 4/40
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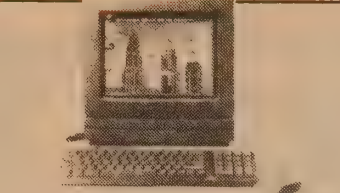

Apple® Macintosh® LCII 4/40 (no monitor)
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- Easy to use

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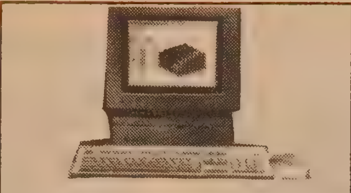

Apple® Macintosh® IIsi 5/80
(no monitor, no kybd)
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Apple® Macintosh® Quadra™ 700 4 MB RAM	3385
Apple® Macintosh® Quadra™ 950 8 MB RAM	5175
Apple® Stylewriter®	$325
Personal LaserWriter® NTR	1575
LaserWriter® IIf	2045
LaserWriter® IIg	2599

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HP DeskJet 550 C	675
HP DeskWriter 550 C	675
HP DeskWriter C*	425
HP DeskWriter*	325
HP DeskJet 500	375
HP LaserJet IIP Plus	770
HP LaserJet IIIP	922
HP LaserJet IIIP Postscript w/Appletalk®	CALL
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HP LaserJet IIIsi	3095
HP LaserJet IIIsi Postscript w/Appletalk®	CALL
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HP ScanJet IIp	CALL
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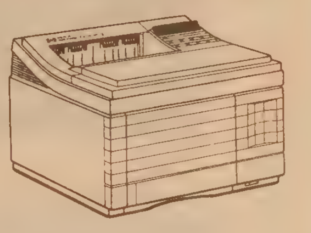

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Contura 3/25C, M120, Bundle	2625

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Pagemarq 15 PPM	3099
LTE 386/520 84MB	1399
Prolinea 4/50 M 120, Bundle	1895
Deskpro 4/251SM M 84, Bundle	1670
Deskpro 4/251SM M 120, Bundle	1755

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NEC Laser Model 95 AppleTalk, Postscript Level II	$1399
3FXG-15" Color	635
4FG-15" Color	755
5FG-17" Color	1259
6FG-21" Color	2295

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T1800 60MB, DOS, Windows, Mouse	$1565
T1850 80MB, DOS, Windows, Mouse	1865
T1850C	2275
T2200SX 80	1820
T3300SL-120	2066
T4400SX-80	2169
T6400SX 120MB	3309

OKIDATA

Okidata ML 320	$289
Okidata ML 321	407
Okidata ML 380	215
Okidata ML 390 Plus	409
Okidata ML 391 Plus	550
OkiLaser 400*	550
Okidata 810*	945
OkiLaser 830*	1185

*After Rebate

EPSON

Epson LQ-570	$270
Epson LQ-870	439
Epson LQ-860	557
Epson LQ-1070	615
Epson LQ-1170	605
Epson FX-870	295
Epson FX-1050	385
ActionLaser II	685

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Compaq LTE 386/20 84MB HD	1399
Compaq LTE 386 Expansion Unit	299
Compaq LTE 286 Expansion Unit	149
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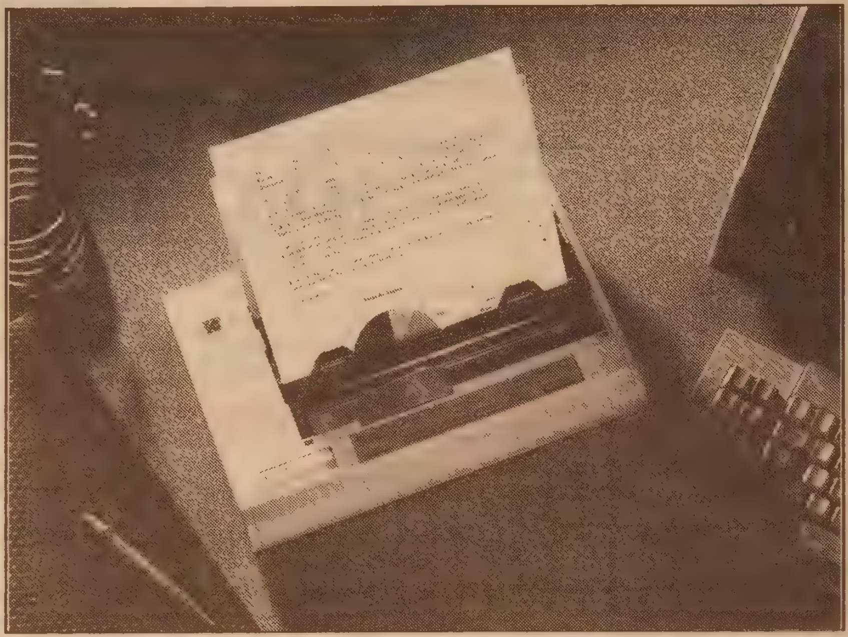

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It takes up less space on your desk than a piece of paper, yet delivers sharp, laser quality 300x300-dpi text and graphics in a hurry–up to 3 pages per minute. It's an ideal choice for desktop office printing with your IBM-compatible PC, on the road with your notebook computer, or anywhere in between. A great value, a great way to boost your productivity.

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1993 MicroTimes Guide to Northern California Computer Resellers

Areas of Specialty (and In-House Specialist): Novell Netware (Brad Mason)
Operating Systems Supported: MS-DOS
Special Value-Added Services: 1 year warranty on parts. Five year warranty on labor.

Berlin Technology, Inc.

Store manager: Dana Nguyen
1478 A Fruitdale Ave.
San Jose, CA 95128
(408)297-7138 Fax: (408)297-7302
Areas of Specialty (and In-House Specialist): Technician (Tony); Sales (Tan/Dana/Tom/Ding)
Operating Systems Supported: MS-DOS, OS/2, UNIX/SCO, AutoCAD, Banyan.
Special Value-Added Services: We carry a 1 year warranty on parts and workmanship. Technician available everyday. We offer generous services.

Blackship Computer Systems, Inc.

Store manager: Rajeev Kumar
2031 O'Toole Ave.
San Jose, CA 95131
(408)432-750 Fax: (408)432-1443
Areas of Specialty: IBM-PC Clone; Software; Networking
Operating Systems Supported: MS-DOS, OS/2, Windows, UNIX
Top-Selling Brands in 1992: Blackship
Special Value-Added Services: 1 year parts/labor warranty, 30 day money back guarantee, 1 year on-site service (GE).

Brewer Consulting

Store manager: Dave Brewer
PO Box 90213
San Jose, CA 95109
(408)293-7179 Fax: (408)293-1754
Areas of Specialty (and In-House Specialist): Networking (Novell) Ethernet (Dave Brewer); Windows, C++, ObjectVision (Dave Brewer); ObjectVision, C++, Custom Programming (Alex Lochinger)
Operating Systems Supported: MS-DOS, Windows, Windows NT, Macintosh, SUN
Top-Selling Brands in 1992: Windows, Novell Netware, HD systems

Chicotec Inc.

Store manager: Kan Liao
542 W. Trimble Rd.
San Jose, CA 95131
(408)954-8998 Fax: (408)954-1135
Areas of Specialty (and In-House Specialist): System Integration (Ken Liao); LANtastic (Daniel Shim); Hard disk drive (Ken Liao)
Operating Systems Supported: MS-DOS
Top-Selling Brands in 1992: LANtastic, Maxtor, Connor
Special Value-Added Services: System upgrade, repair.

Computer Accessories Plus

Store manager: L. Fung
1630 Oakland Rd., Ste. A204-1
San Jose, CA 95131
(408)452-0241 Fax: (408)452-0241
Areas of Specialty: Computer/printer accessories.

Computer Direct Wholesale

Store manager: Allen Sotoodeh
6442 Trinidad Dr.
San Jose, CA 95120
(408)997-8380
Areas of Specialty (and In-House Specialist): IBM Compatible Systems; Service, Repair
Operating Systems Supported: MS-DOS
Top-Selling Brands in 1992: Maxtor,Toshiba,Okidata

Merry X'Mas & Happy New Year

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EISA True 32 bit "Local Bus" Motherboard (Made in USA)

AIR

EISA 486-50 w/256k +
3 VL local Bus Slot
32 BIT EISA+ LOCAL BUS

$1,160

Made in USA, Local Bus Basic System	ORCHID 486DX-50 W/ 256K Cache	1130
Made in USA, Local Bus Basic System	ORCHID 486DX-33 W/ 64K Cache	840
Made in USA, Local Bus Basic System	ZYTEK 486DX-33 W/ 64K Cache	780
Made in USA, Basic System with 1 MB	BAY 486DX-50 W/64K Cache	890
Made in USA, Basic System with 1 MB	BAY 486DX-33 W/64K Cache	650
Landmark 64 MHz, Basic System with 1 MB	BAY 386DX-40 W/64K Cache	350
Landmark 53 MHz, Basic System with 1 MB	BAY 386DX-33 W/64K Cache	340
Landmark 33 Mhz, Basic System with 1 MB	BAY 386DX-25 MHZ	315
Landmark 33 Mhz, Basic system w/ 1MB	BAY 386SX-25 MHZ	295

486 • 386 • 286

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1MB of Memory • 1.2MB or 1.44MB Floppy Drive
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120 MB IDE (16ms)	$280
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240 MB IDEw/256 K Cache	$460
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520 MB IDE (13ms)	$995

VIDEO CARDS	
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Trident VGA, 1MB	$70
AIR Local Bus ET4000 SVGA	$185
AIR Local Bus S3 SVGA Card	$245
ProDesigner IIs Sierra DAC (32 K Color)	$145
Orchid Fahrenheit 1280/D Local Bus	$245
Orchid Fahrenheit 1280/VA (16.7 Millions)	$220
Genoa 7900 (16.7 Million Colors)	$165
ATI Graphic Ultra 1MB (Fast)	$475
Diamond Speed Star 24 ET4000	$170
Diamond Stealth VRAM 1 MB	$220

NETWORK SOFTWARE/ SCO UNIX - XENIX	
Novell 386 3.11 5/10/50/100 Users	615/1395/1985
Netware Lite 1.1/Dr DOS	$69.00
SCO Xenix Dev.	$CALL
SCO Unix OS	$CALL
SCO Unix Dev.	$CALL
Ethernet Network Cards	$CALL

MONITORS	
SuperVGA (1024x768,0.39mm)	$240
SuperVGA (1024x768,0.28mm)	$270
SuperVGA (1024X768, Non-int)	$320
NEC 3FGX 15" Flat Screen	$650
NEC 4FG 15" Flat Screen	$750
Viewsonic 7 17" Flat Screen	$1090
Viewsonic 6E 14" non-int	$350
SONY 1304s (1024x768, non-int)	$565

PRINTERS	
Panasonic KX-1180i	$160
Panasonic KX-1124i	$220
Deskjet 500/500C	$395/595
HP IIP/IIIP/IV	$795/995/1495

MISCELLANEOUS	
AIR SCSI Local Bus Controller	$320
DTC 16 Bit SCSI Controller	$135
SCSI Adaptec 1522 HD/FD	$120
SCSI Adaptec 1542 B Kit	$225
9600B/2400B FAX/ Modem	$75
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Dual Floppy 1.2&1.44 Drive	$145
Logitech MouseMan Serial	$65
Creative Lab Multimedia + CD + 6 softwares	$545
Media Vision Multimedia + CD + 4 softwares	$425
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Sound Blaster Pro Basic	$165

SPECIAL BASIC SYSTEM

1.2 & 1.44 + Mouse + 4MB + SVGA .28 + 1MB SVGA + 120MB

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1.2 & 1.44 + Mouse + 4MB + SVGA .28 + 1MB SVGA + 213MB

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1993 MicroTimes Guide to Northern California Computer Resellers

Special Value-Added Services: All systems 1 year parts and labor.

Comware Micro, Inc.

Store manager: David Chang
2247 Ringwood Ave.
San Jose, CA 95131
(408)433-0288 Fax: (408)433-0254
Areas of Specialty (and In-House Specialist): PC System (David); Network (Robert)
Operating Systems Supported: MS-DOS, Windows, Windows NT
Top-Selling Brands in 1992: Companion, Conner, Teac
Special Value-Added Services: Service and support.

Copo Info Systems America

Store manager: Lynda Chang
1810 Oakland Rd., Ste. E
San Jose, CA 95131
(408)943-9007 Fax: (408)943-1004
Areas of Specialty (and In-House Specialist): Novell Network (Ken Xie); UNIX SCO Interactive (Linda Cheng); UNIX Open desktop (Ken Xie)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, UNIX/XENIX, Novell,DR DOS
Top-Selling Brands in 1992: Copo Systems, Network solutions, SCO/ODT
Special Value-Added Services: Lifetime on labor, 1 year on parts, in-store repair warranty. Service and maintenance contracts available. Network configurations and installations.

Dolphin Computer Systems

Store manager: Robert Morrisette
2640 Shadowvale Wy.
San Jose, CA 95132
(408)262-0903 Fax: (408)262-0903
Areas of Specialty (and In-House Specialist): FrameMaker (Robert Morrisette)
Operating Systems Supported: MS-DOS, Macintosh, Others.
Top-Selling Brands in 1992: MC Systems, Panasonic, Laser
Special Value-Added Services: IBM compatible and Mac rentals. Training on all PC Systems. Leasing available.

Domino Computer

Store manager: William Wong
461 Blossom Hill Road., Unit H-1
San Jose, CA 95123
(408)363-1800 Fax: (408)363-1803
Areas of Specialty (and In-House Specialist): Customized Computer System
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: Spear, Everex
Special Value-Added Services: Build your own computer in our store, instant service and repair.

Domino Computer

Store manager: Steve
1871 The Alameda Ste. 120
San Jose, CA 95126
(408)247-4568 Fax: (408)247-0713
Areas of Specialty (and In-House Specialist): Customized Computer System
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: Spear, Everex
Special Value-Added Services: Build your own computer in our store, instant service and repair.

EMI Int'l. Computer, Inc.

Store manager: Joseph Rouzmehr
732 Charcot Ave.
San Jose, CA 95131
(408)321-9101 Fax: (408)321-9104
Areas of Specialty (and In-House Specialist): Novell LAN; System Integration; MAC Network
Operating Systems Supported: MS-DOS, Windows, Macintosh, UNIX
Top-Selling Brands in 1992: Intel, Apple, Notebooks
Special Value-Added Services: 2 year parts and lifetime service, specialize on system upgrades and on-site service.

ICS Computer

Store manager: Erick Lin
900 S Winchester Blvd., Ste. 5
San Jose, CA 95128
(408)241-9787 Fax: (408)241-9789
Areas of Specialty (and In-House Specialist): UNIX (Erick Lin); DOS/Windows (Erick Lin); Networking (Erick Lin)
Operating Systems Supported: MS-DOS, OS/2, UNIX
Top-Selling Brands in 1992: 486-33, 386-33, 386SX

JDR MicroDevices Catalogue Outlet

Store manager: Doug Bailey
1238 S. Bascom
San Jose, CA 95128
(408)559-7724 Fax: (408)947-8234
Areas of Specialty (and In-House Specialist): Tech Support (Nogl Sioxson); Custom Systems (Chuck Bartlet); Outlet Pricing (Matt Vernon)
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: JDR, Epson, NEC
Special Value-Added Services: 30 day money back guarantee 1 year warranty, technical support and free installation on all upgrades.

Kar Innovations

Store manager: Harry Skloot
580 Pamlar Ave., Ste. D
San Jose, CA 95128
(408)998-1059/(408)295-3414 Fax: (408)998-0358
Areas of Specialty (and In-House Specialist): Computer Manufacturer (Harry Skloot)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Amiga, SCO, Interactive
Top-Selling Brands in 1992: The Kaliber
Special Value-Added Services: 2 year warranty, 30 day return policy, free technical support, installation, and post-purchase support.

MCC Systems, Inc.

Store manager: Frank Chen
1035 Saratoga-Sunnyvale Rd., Ste. 4B
San Jose, CA 95129
(408)255-4471 Fax: (408)255-4348
Areas of Specialty (and In-House Specialist): CAD/CAM/Graphics (Eric); Network (Frank); Desktop Publishing (Chun)
Operating Systems Supported: MS-DOS, Windows, Windows NT, SCO/ZNIX
Top-Selling Brands in 1992: MCC-USA 486DX Super Workstation, Micronics 486DX-50 EISA System, MCC-USA 486DX-33 Super Workstation
Special Value-Added Services: 5 years labor and 1 year parts warranty. Network on-site hardware and software professional support.

McLain Imaging

Store manager: Lisa McLain
1009 Tulipan Dr.
San Jose, CA 95129
(408)252-6266 Fax: (408)252-6267
Areas of Specialty (and In-House Specialist): PC Graphics; Bitmap, Quattro (Lisa McLain); Poscript Scodl (Lisa McLain)
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: Image Assist Software, Tosco Software
Special Value-Added Services: Service and product support.

Continued on page 76

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1X9-80	$34
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1X9-60	37
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4X9-70	131
4X9-60	134
256X3-70	9.45
16X9-70	589

APPLE SIMMS

1X8-80	$34
2X8-80	68
4X8-80/70	120/123

CPU CHIPS

386SX-16/20	CALL
386DX-16/20/25/33/40	CALL
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CYRIX/CNT	CALL

MATH CO'S: INTEL/CYRIX

80287XL	$74
387SX-16/20/25	82/80
387DX-20/25	92/92
387DX-33	111/97
387DX-40	101
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HP IIIsi 1/4 MB	75/155
LASERJET FAX	95
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- Full Tower Chassis w/250 Watt U.L. Power Supply
- I/O: 2S/1P/1G

$3899/$4199

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- Intel 80486DX-33 or 80486DX-50 CPU
- Made in USA Motherboard w/32 Bit VESA Local Bus
- 256K Write-Back Cache (20ns)
- 4MB 60ns RAM (9 Chip)
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- 130 MB Maxtor Hard Drive
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- 14" Non-Interlaced SVGA Monitor (.28dp)
- Maxiswitch or Monterey 101 Key Enhanced Keyboard
- Full Tower Chassis w/250 Watt U.L. Power Supply
- I/O: 2S/1P/G

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- 6 Layer Made in USA Motherboard w/32 Bit VESA Local Bus
- Intel 80486DX-33 or 50 CPU w/ Math Co-Processor
- 64K Cache Standard (256K Add $75)
- 4MB 60ns RAM (9 Chip)
- 32 Bit VESA Local Bus Graphic Accelerator (Choose from ATI, Diamond or Orchid)
- 130MB Maxtor Hard Drive
- 32 Bit VESA Local Bus Hard Drive Controller
- 2 Floppy Disk Drives - 1.2MB & 1.44MB (Teac)
- 14" **Non-Interlaced** SVGA Color Monitor (.28DP/1024x768)
- Maxiswitch or Monterey 101 Key Enhanced Keyboard
- Medium Tower Chassis w/ U.L. Approved Power Supply
- I/O: 2S/1P/G

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Polaris 486-33/50 ISA

- 6 Layer Made in USA Motherboard w/32 Bit VESA Local Bus
- Intel 80486DX-33 or 50 CPU w/Math Co-Processor
- 64K Cache Standard (256K Add $75)
- 4MB 60ns RAM (9 Chip)
- 130MB Maxtor Hard Drive
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- 14" Non-Interlaced Color Monitor (.28dp 1024x768)
- Maxiswitch or Monterey 101 Key Enhanced Keyboard
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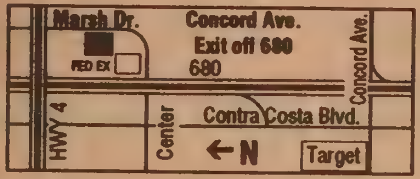

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- 1.2MB and 1.44MB Floppy Disk Drive
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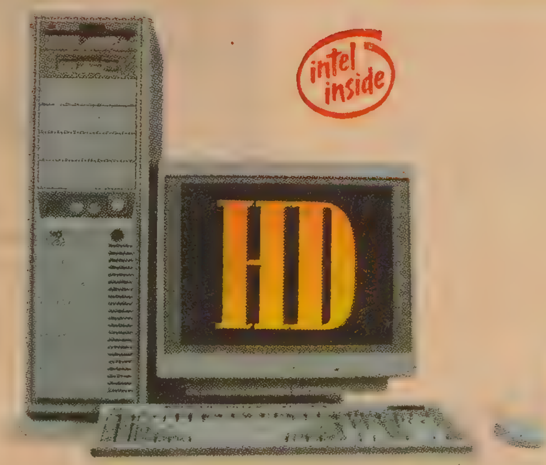
- 2FL/2HD Disk Controller
- 2 Serial, 1 Parallel, 1 Game Port
- 101-key enhanced keyboard
- Full-Tower Case w/ 250W Power Supply
- Built-in Math Coprocessor
- 14" Viewsonic 6 Non-interlaced monitor
- 32bit VESA local bus video card w/1MB (64K Max colors, 1280x1024 Max Resolution)
- 3-button Hi-Res Serial Mouse
- MS-DOS 5.0
- Windows 3.1
- Free Software Option



Options:

- 340MB SCSI Hard Disk	Add $350
- 15" Mag MX 15F Monitor 1280x1024 .28	Add $350
- 17" Viewsonic 7 Monitor 1280x1024 .28	Add $750
- RAM upgrade	$35/MB

486DX-33MHz	$2195
486DX2-50MHz	$2345
486DX2-66MHz	$2550

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Option 3 - PFS:Publisher	Retail Prcie $149
Option 4 - Business Plan	Retail Prcie $129
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PFS:Publisher
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- 32 bit SCSI EISA Controller
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- 101-Key Enhanced Keyboard
- Full Tower Case with 250W Power Supply
- Built-in Math Coprocessor
- 14" SVGA Non-interlaced monitor
- 1024x768 .28 Dot Pitch
- 32 bit EISA SVGA card with 1MB
- 3-button Hi-res serial mouse
- MS-DOS 5.0
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486DX-50 MHz	$2895

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- 2 Serial, 1 Parallel, 1 Game Port
- 101-Key Enhanced Keyboard
- Full-Tower Case with 250W Power Supply
- Built-in Math Coprocessor
- 14" SVGA Non-Interlaced Monitor; 1024x768 .28 dot pitch
- Diamond Speedstar 24x Hi-C w/ 1M
- 3-button Hi-Res Serial Mouse
- MS DOS 5.0
- Windows 3.1
- Free Software Option

486DX-33MHz	**$1745**
486DX2-50MHz	**$1995**
486DX-50MHz	**$1895**
486DX2-66MHz	**$2095**

Options:

- 200MB 15 ms Hard Disk	Add $180
- 340MB 14 ms Hard Disk	Add $450
- 16-bit IDE Cache Controller w/ 1MB	Add $195
- Diamond Stealth VRAM w/ 1MB	Add $50
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- 14" Viewsonic 6 monitor 1024x768 .28	Add $60
- 15" Mag MX15F SVGA Monitor 1280x1024 .28	Add $350
- 17" Viewsonic 7 Monitor 1280x1024 .28	Add $800
- RAM upgrade	$45/MB

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- 2 Serial, 1 Parallel, 1 Game Ports
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- 101-Key Enhanced Keyboard
- 14" SVGA Monitor 1024x768 .28 Dot Pitch
- 16-bit SVGA Card 1024x768 w/ 1MB
- 3-button Hi-Res Serial Mouse
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- Windows 3.1
- Free Software (option)

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- Viewsonic 6 monitor	Add $100
- RAM Upgrade	$45/MB

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- 2 Serial, 1 Parallel, 1 Game Port
- 101-Key Enhanced Keyboard
- Mini-Tower or Baby AT Case w/ 200W Power Supply
- 14" SVGA Monitor .39 Dot pitch
- 16bit SVGA card 1024x768 w/ 1MB
- 3-button hi-res serial mouse
- MS-DOS 5.0
- Free Software Option

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386SX2-25MHz	**$895**

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- RAM Upgrade	$45/MB

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- 80MB 18MS IDE Hard Disk
- 1:1 Interleave 2FL/2HD Disk Controller
- 2 Serial, 1 Parallel, 1 Game Port
- 101-key Enhanced Keyboard
- Mini-tower case w/200W Power supply
- 14" SVGA Monitor .39 Dot Pitch
- 16bit SVGA Card 1024x768 w/ 1MB
- 3-button Hi-Res Serial Mouse
- MS-DOS 5.0
- Windows 3.1 Free Software Option

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- MS Windows 3.1
- Free mouse

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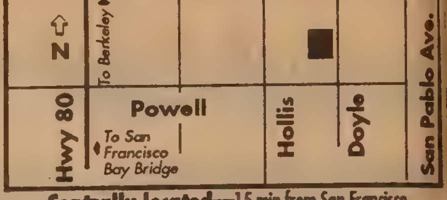

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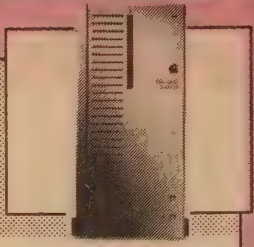

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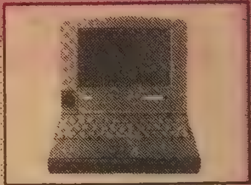

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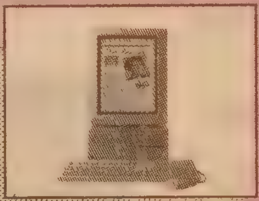

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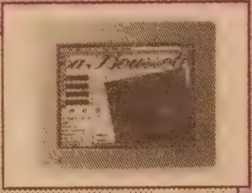

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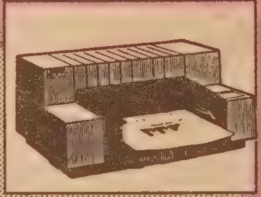

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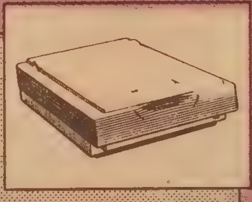

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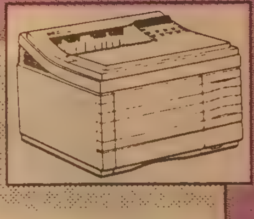

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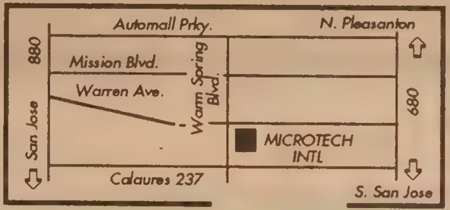

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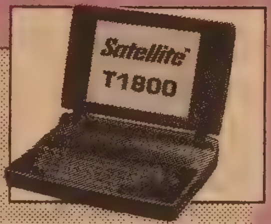

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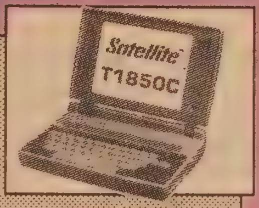

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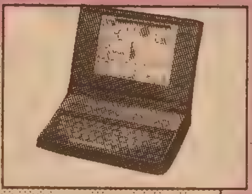

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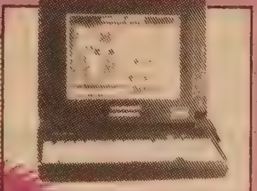


Compaq Contura 386SL

Model 40

- 2MB RAM
- NICD Battery

CALL

Contura 386SL/25 Color 80/120

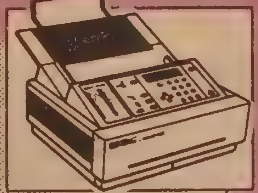
- 4MB RAM
- Only 6.7 lbs. in weight

$2499/2749

TM 4000 WIN DX/25

- 80486-25DX
- 120MB/200MB Hard Drive
- 4MB RAM exp. to 20MB
- Supports external VGA monitor
- Plus Windows, Utilities & More!

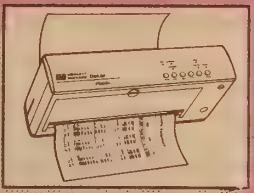
$CALL



HP LaserJet Fax

- Utilize your existing HP Laser Printer
- 300 dpi fax printing
- Send fax direct from PC's
- 13 page built-in memory
- 1 year parts and labor

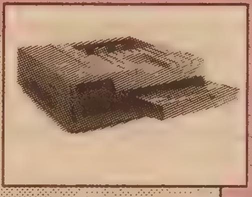
$879



HP DeskJet Portable

- 300 dpi, laser quality
- Lightweight 4.4 lbs
- Built-in fonts
- Prints up to 100 pages on battery power

$389



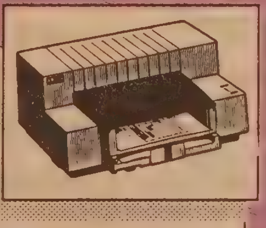
Okidata Solution OL-400

Fast 4 ppm printing
300 dpi resolution
200 sheet paper tray
17 resident fonts

SPECIAL PRICE $510*

* After Rebate

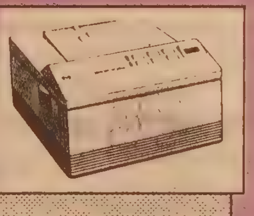
HEWLETT-PACKARD PRINTERS



HP InkJet Printer F/PC DeskJet 500 DeskJet 500C New DeskJet 550C

- 3 Year mfg. warranty
- Extremely quiet operation
- 300 dpi printing
- 7 ppm in best mode 550C

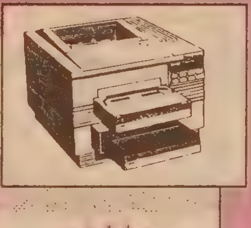
$365/479/679



HP LaserJet IIIP Plus/IIIP

- 300 dpi enhanced printing
- 4 ppm printing speed
- Compact desktop size easy to fit in tight space
- SR/Par support F/IIIP
- 14 resident fonts
- Fully compatible and easy to setup

$755/939



A True Laser Printer for Hi-Volume Printing HP LaserJet IIID/IIIsi

- 8/17 ppm with 300 dpi resolution
- Standard/Optional duplex printing
- Supports SR/Par/LocalTalk on IIID
- 1-Year on-site warranty
- Wide variety of built-in fonts

CALL FOR BEST PRICE

HEWLETT PACKARD NOVELL radius EPSON TEXAS INSTRUMENTS RasterOps

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OR LOW MONTHLY PAYMENTS

** Apple/IBM authorization- Emeryville Store Only

All prices reflect a 4% cash discount.
All prices are subject to change without notice.
Prices good through 12/1/92.

1993 MicroTimes Guide to Northern California Computer Resellers

Continued from page 68

Media Micro Inc.

Store manager: ChriStopher Chen
2109 O'Toole Ave., Ste. T
San Jose, CA 95131
(408)456-0808 Fax: (408)456-0707
Areas of Specialty (and In-House Specialist): Multi-Media Configs (Jonus Chen); High-end CAD/server configs. (Cathe Prados)
Operating Systems Supported: MS-DOS, Windows, Windows NT
Top-Selling Brands in 1992: Media Micro Inc, HyqueSt Technology motherboards,
Special Value-Added Services: We offer 1 year parts and five years labor warranty. 6 days a week phone support. Cross-shipping for defective products. 24 hour downloads information.

Memory Source Int'l.

Store manager: Balkar Singh (Bobby)
2471 B Autumn Vale Dr.
San Jose, CA 95131
(408)956-9980 Fax: (408)956-9992
Areas of Specialty: All Memory's; SIMM Module; DRAM
Operating Systems Supported: UNIX
Top-Selling Brands in 1992: SIMM, Math CO, CPU
Special Value-Added Services: Negotiated value. We give a warranty on all parts.

Michael Swartz, ECNE

Store manager: Michael Swartz
970 Meridian Ave., #83
San Jose, CA 95126
(408)286-7405
Areas of Specialty: Novell Network Installation; service & support
Operating Systems Supported: MS-DOS, Windows, Macintosh, Netware
Special Value-Added Services: Novell network installation, service and support.

Micro Data Technology, Inc.

Store manager: Mike Nguyen
115 N 4th St., Ste. 112
San Jose, CA 95112
(408)971-3618 Fax: (408)971-0650
Areas of Specialty (and In-House Specialist): System Integrators; Business Applications
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Novell

Miracle Computers, Inc.

Store manager: Larry Derea
780 Montague Expwy., Ste. 202
San Jose, CA 95131
418-435-8177 Fax: (408)435-8179
Areas of Specialty (and In-House Specialist): 3D Studio (Larry Derea)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT
Top-Selling Brands in 1992: Maxtor, Conner, Panasonic
Special Value-Added Services: Panasonic, Citizen, Star, Okidata printers service.

Network Interop

Store manager: A. Baumgartner
30 E.San Carlos #300
San Jose, CA 95113
(408)292-6300 Fax: (408)298-6430
Areas of Specialty (and In-House Specialist): Networks Wide & Local Area Work
Operating Systems Supported: MS-DOS, OS/2, Windows, Macintosh, UNIX
Top-Selling Brands in 1992: IBM Clones, Novell, Unixyx
Special Value-Added Services: On-site service of mixed vendor systems.

Petronic International, Inc.

Store manager: Chuck Ley
2300C Zanker Rd.
San Jose, CA 95131
(408)943-1717 Fax: (408)943-0430
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: INEX Notebook Computer
Special Value-Added Services: Our product has a 1 year warranty with the availability of additional yearly warranty options. We have the sales and engineering support services locally.

Pixel USA Computer

Store manager: David Nguyen
1937-B Tully Rd.
San Jose, CA 95122
(408)929-7219 Fax: (408)929-7244
Areas of Specialty (and In-House Specialist): MS-DOS, Windows (Jason Hormon); PageMaker, Corel Draw (Tony Nguyen)
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: PixelNanao, Maxtor
Special Value-Added Services: Same day turnaround on most service calls. Free installation with purchase of system board.

Prestige Computer, Inc.

Store manager: Anthony Sang
3248 Stevens Creek Blvd.
San Jose, CA 95117
(408)249-3398 Fax: (408)249-3392
Areas of Specialty (and In-House Specialist): Network (Omar F Mousa); Multi Media (Jason Nguyen)
Operating Systems Supported: MS-DOS, OS/2, Windows, SCo, Novell
Top-Selling Brands in 1992: 386DX-33MHz,486DX-33,486DX-50MHz
Special Value-Added Services: On-site service! Full online tech support.

Q Squared Service, Inc.

Store manager: Koji Matsuura
2035 O'Toole Ave.
San Jose, CA 95131
(800)745-8300 Fax: (408)456-6938
Special Value-Added Services: Q2 specializes in PC, Laptop, and PC Monitor repair on all major brands. We offer a 72 hr. turnaround time on most repairs, plus 120 days of warranty.

Qualitron Corporation

Store manager: Shao Chen
2455-G Autumnvale Dr.
San Jose, CA 95121
(408)956-1101 Fax: (408) 956-0550
Area of Specialty (and In-House Specialist): PC Clone products/motherboards (Tony Chen); Network products, cards, accessories, complete systems (Shao Chen)
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: BIOstar motherboard, R.I. network card
Special Value-Added Services: 1 year warranty on parts and labor. Technical support, system maintenance, LAN special (Novell, LANtastic).

RT Computers, Inc.

Store manager: Ray Tetreault
1630 Oakland Rd., Ste. A112
San Jose, CA 95131
(408)737-3063 Fax: (408)437-1156
Areas of Specialty (and In-House Specialist): DOS, Windows 3.1 Programming (Dennis Pierre); EISA, SCSI, Windows 3.1 (Bob CaStonguay); DOS, LantaStice, Ethernet, ARCNET (Ray Tetreault)
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: RT 486/50, RT 486-33, RT 386/33
Special Value-Added Services: American-owned and operated. Free hardware/software seminars held weekly. Our technical support is second to none. Full-service dealer.

Sonic Computer

Store manager: Mo
943 Edenbury Ln.
San Jose, CA 95136
(408)267-5161 Fax: (408)267-5161
Areas of Specialty (and In-House Specialist): Sales (Mo); Repairs (Mo); Upgrade (Mo)
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: Samsung, Micronic, Sonic
Special Value-Added Services: 1 year parts and labor warranty. Unlimited phone support. Free upgrade for 1 year (labor).

Titan Intelligent Systems, Inc.

Store manager: Willy Guo
2300 Zanker Rd., #E
San Jose, CA 95131
(408)894-9068 Fax: (408)894-9069
Areas of Specialty (and In-House Specialist): UNIX/ Networking (Vincent Chang); PC Hardware Consulting (Willy Guo)
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: HP, ViewSonic, Elitegroup computer systems
Special Value-Added Services: We offer 1 year warranty on labor and parts and 14 day return for refund policy. Some training (SW & HW) included.

Tower Computer, Inc.

Store manager: Victor Utu
1373 S. Bascom Ave.
San Jose, CA 95128
(408)288-6937 Fax: (408)288-7120
Areas of Specialty: Computer Sales
Operating Systems Supported: MS-DOS, Windows, Amiga
Top-Selling Brands in 1992: TCI System, Super Sonic

Wang Int'l Trade, Inc.

Store manager:
2073 O'Toole Ave.
San Jose, CA 95131
(408)433-0188 Fax: (408)433-0318
Areas of Specialty (and In-House Specialist): 80486-50/33 PC (Bruce Wang)
Operating Systems Supported: MS-DOS, Windows
Special Value-Added Services: 30 day money back guarantee with no restocking fee. 1 year warranty on parts and lifetime labor warranty.

Whole Earth Access

Store manager: Arron Figueroa
3530 Stevens Creek Blvd.
San Jose, CA 95117
(408)554-8300 Fax: (408)554-8362
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Macintosh
Top-Selling Brands in 1992: Apple, Hewlett Packard, Toshiba
Special Value-Added Services: Service, training, support, extended warranties available. Demo days, seminars, best price guarantee, open weekends and evenings, wide assortment of products.

Pay 386 Price And Get 486 Performance ...

Christmas Special

Patriot

- ☆ AMI BIOS
- ☆ 4MB RAM (Add $140 for 8MB RAM)
- ☆ 1.2MB 5.25" floppy drive
- ☆ 1.44MB 3.5" floppy drive
- ☆ 120MB hard drive (Add $175 for 200MB)
- ☆ 2 serial/1 parallel/1 game ports
- ☆ 1MB SVGA card
- ☆ 1024 x 768 .28 dot pitch 14" color monitor (Add $50 for non-interlaced)
- ☆ High quality 101 enhanced keyboard
- ☆ DOS 5.0

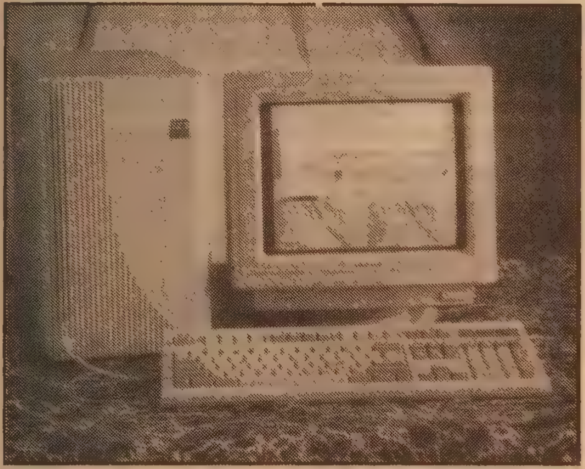
Cyrix 486DLC-25 processor performance Rating:

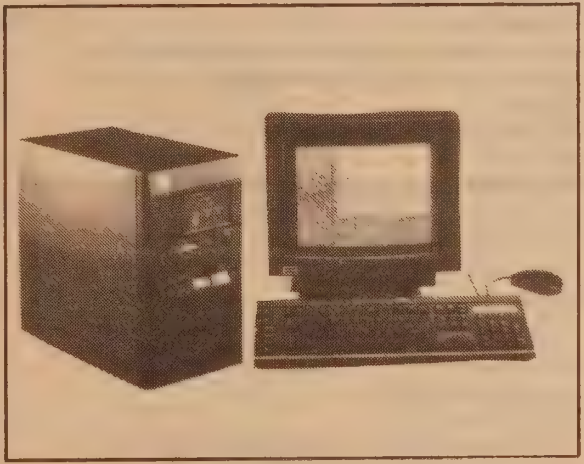
☐ Landmark Ver. 2.0	108.3MHz
☐ Norton SI Ver. 4.5	71.5MHz
☐ Power Meter Ver. 1.5	11.531 MIPs

$1,269

486DX2-66 w/256K Cache	**$1,903**
486DX-50 w/256K Cache	**$1,849**
486DX-33 w/256K Cache (Landmark 111.5MHz)	**$1,539**
386DX-33 w/256K Cache (Landmark 51.5MHz)	**$1,184**

Same configuration as above





Black System Available For All Models

Sound 2000™

$395
Suggested price: $595

CD Quality Sound Card

- CD quality sound upto 44.1KHz sampling rate.
- Downward compatible with Sound Blaster™, AdLib™.
- Microsoft Windows™ driver included.
- 32 simultaneous stereo voices with 16/32-bit DSP sampled sound technology creating superior realistic music.
- 127 real MIDI instrument sound patches and 47 percussion sounds built-in.
- 16-bit digital audio recording (1 stereo or 2 mono channels)/16-bit digital audio playback (2 stereo or 4 mono channels) with MIDI interface.

Free software bundle: Music Rack (value $39)

SlimPro Booksized Computer

SlimPro 386SX-25MHz	$385

CBI

Component Business Inc.

Headquarter
41348 Christy Street
Fremont, CA 94538
Sales: 510-651-6256
Fax: 510-651-1932
Tech Support/RMA: 510-651-6778

San Francisco
1530 Noriega Street STE 205
San Francisco, CA 94122
Tel: 415-681-1691
Fax: 415-681-1693

Designed, engineered, built and tested in U.S.A.

Terms: 1 year warranty on parts and labor & lifetime technical support

1993 MicroTimes Guide to Northern California Computer Resellers

San Leandro

Diamond Micro Solutions
Store manager: Richard W. Martini
1615 Alvarado St.
San Leandro, CA 94577
(510)351-4700 Fax: (510)352-1089
Areas of Specialty (and In-House Specialist): Document Imaging (Paul Names); DTP (Brian Mickel); LANS (Brian Mickel)
Operating Systems Supported: MS-DOS, Windows, Windows NT, SUN OS/SCO UNIX
Top-Selling Brands in 1992: SUN Microsystems, AST, NEC
Special Value-Added Services: System configuration and testing, technical support, pre-sale product recommendations, extended warranties, leasing programs, document imaging specialist.

Westgate Super, Inc.
Store manager: Andy Chen
1933 Davis St., Ste. 262
San Leandro, CA 94577
(510)568-1688 Fax: (510)568-6888
Areas of Specialty (and In-House Specialist): Networking (Staff); Windows (Staff); WordPerfect (Staff)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Novell
Top-Selling Brands in 1992: Conner, Maxtor, Logitech
Special Value-Added Services: 2 year parts warranty, 5 year labor. Nationwide express on-site service. Networking services.

San Mateo

Libre Service Computer, Inc.
Store manager: Frank
2505 S. El Camino Real
San Mateo, CA 94403
(415)578-1614 Fax: (415)578-0268
Areas of Specialty (and In-House Specialist): Novell (Jeff Chang); LANtastic (Jeff Chang)
Operating Systems Supported: MS-DOS, OS/2, Windows, Novell
Top-Selling Brands in 1992: Libre Systems
Special Value-Added Services: Heavily service-oriented, plus we offer service contract. 3 year warranty. First year parts and labor on-site, 2nd and 3rd year labor only carry-in.

Now Electronics
Store manager: Rami Batarseh
220 EaSt 3rd Ave., Ste. #14
San Mateo, CA 94401
(415)348-3951 Fax: (415)348-3953
Areas of Specialty (and In-House Specialist): System Integration (Steve Ashab); Peripherals (Rami Batarseh); Hi-performance System configuration (Steve Ashab)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, UNIX
Top-Selling Brands in 1992: Maxtor, Now Computers, Viewsonic
Special Value-Added Services: Lifetime warranty on labor, on-site optional, tech support.

PC By Root
Store manager: Larry Douglas
851 N. San Mateo Dr.
San Mateo, CA 94401
(415)343-0343 Fax: (415)343-1516
Areas of Specialty (and In-House Specialist): Networks/ Programming (Scott Lyons); Hardware Configuring, repair (Sue Standerter)
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: WordPerfect, Corel Draw, Microsoft Windows
Special Value-Added Services: Computer repair and new machines, installation of software.

Whole Earth Access
Store manager: Tom Phipps
Island Shopping Center
San Mateo, CA 94404
(415)578-9200 Fax: (415)578-0683
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Macintosh
Top-Selling Brands in 1992: Apple, Hewlett Packard, Toshiba
Special Value-Added Services: Service, training, support, extended warranties available. Demo days, seminars, best price guarantee, open weekends and evenings, wide assortment of products.

San Rafael

Blue Mountain Software
Store manager: Brad Pirrung
704 Hacienda Wy.
San Rafael, CA 94903
(415)472-1708
Areas of Specialty (and In-House Specialist): CAD & Graphics (Walt Melton); Project Managment Software (Brad Pirrung)
Operating Systems Supported: MS-DOS, Windows, Macintosh
Top-Selling Brands in 1992: AutoTrace DOS, Instaplan Project Mgt. Software, Micro Planner Manager (Macintosh)
Special Value-Added Services: Free technical support; 30 day money back guarantee; free quarterly newsletter.

ComputerTime
Store manager: Fred Shepherd
999 Anderson Dr.
San Rafael, CA 94901
(415)459-8080
Areas of Specialty (and In-House Specialist): AutoCAD (Staff); Novell Networking (Staff); Training
Operating Systems Supported: MS-DOS, Windows, Windows NT, Macintosh, Novell
Top-Selling Brands in 1992: AST, Everex, Standard Technologies
Special Value-Added Services: We offer complete training and support. We are a full-service and authorized repair center. Rentals and leasing experts.

Domino Computer
Store manager: Hai
757 Lincoln Ave. (#30)
San Rafael, CA 94901
(415)453-8525 Fax: (415)453-8586
Areas of Specialty (and In-House Specialist): Customized Computer System
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: Spear, Everex
Special Value-Added Services: Build your own computer in our store, instant service and repair.

Hi-Q Systems, Inc.
Store manager: Jane Sheng
2048 4th St.
San Rafael, CA 94901
(415)459-1895 Fax: (415)459-7248
Areas of Specialty (and In-House Specialist): MS DOS (Bruce Tsai); MS Windows series (Teck Ian); OS/2 and UNIX (Tony Hit)
Operating Systems Supported: MS-DOS, OS/2, Windows, SCO
Top-Selling Brands in 1992: Conner, Sony, Viewsonic
Special Value-Added Services: 30 day money back guarantee. 1 year parts and 2 years labor, lifetime technical support.

Whole Earth Access
Store manager: Richard GinSti
901 E Francisco Blvd.
San Rafael, CA 94901
(415)459-3533 Fax: (415)459-1100
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Macintosh
Top-Selling Brands in 1992: Apple, Hewlett Packard, Toshiba
Special Value-Added Services: Service, training, support, extended warranties available. Demo days, seminars, best price guarantee, open weekends and evenings, wide assortment of products.

San Ramon

Computer Graphic
Store manager: Marty Fitzgerald
3180 Crow Canyon Ste. 208
San Ramon, CA 94583
(510)277-0447
Areas of Specialty: Graphics & Animation; Multimedia
Operating Systems Supported: MS-DOS, Novell
Special Value-Added Services: We develop graphics and animation for video application. We also do corporate mulimedia production.

Domino Computer
Store manager: Nes
2217 San Ramon Valley Blvd., Ste C
San Ramon, CA 94583
(415)668-9311 Fax: (415)668-0550
Areas of Specialty: Customized Computer System
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: Spear, Everex
Special Value-Added Services: Build your own computer in our store, instant service and repair.

Santa Clara

Access Computer Technologies
Store manager: Steve Livinghouse
2225 El Camino Real
Santa Clara, CA 95050
(408)247-4444 Fax: (408)247-4448
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: Microsoft, Borland, Lotus
Special Value-Added Services: Factory trained technical staff. 1 year parts and labor warranty on Access system. 6 years business experience. 2000 items to choose from.

APPRO Int'l.
Store manager: Dainiel Kim
3687 Enochs St.
Santa Clara, CA 95051
(408)732-6091 Fax: (408)732-6095
Areas of Specialty (and In-House Specialist): Notebook; Industrial Computer
Operating Systems Supported: MS-DOS, Windows
Special Value-Added Services: 30 day money back guarantee.

ARK Research
Store manager: Freddie Chang
3012 Scott Blvd.
Santa Clara, CA 95054
(408)988-6192 Fax: (408)988-0435
Areas of Specialty (and In-House Specialist): Computer system MS-DOS; Windows; Software Design

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If you don't see it, call us we just might have it or at least can get it!

CALL (415) 615-9123

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NOVELL.
Authorized Reseller

Comet Micro EISA/VLB 486-66MHz

486DX2-66MHz with 256K Cache
Full size tower with 250W power supply
NICE 486DX2-66MHz EISA/VLB motherboard
256K External Fast RAM Cache
4MB RAM 60ns, Exp. to 128MB on board
Teac 1.2MB and 1.44MB Floppy Drive
2 Serial, 1 Parallel & 1 Game Ports
Maxtor 213MB IDE Hard Disk 15ms
Orchid VLB IDE Host Adptr, 8mbps Access Time
ATI Ultra Pro VLB Adaptor w/2MB VRAM
NEC 4FG 15" .28mm 72Hz SVGA Monitor
Keytronic 101K Enhanced Keyboard

$3,400. 00

Diamond Computer VLB System, Please Call

Orchid VESA Local Bus 486-50MHz

486DX-50MHz with 256K Cache
Full size tower with 250W power supply
Orchid VLB 486 50MHz Motherboard
256K External Fast RAM Cache
4MB RAM 70ns, Exp. to 32MB on board
Teac 1.2MB and 1.44MB Floppy Drive
2 Serial, 1 Parallel & 1 Game Ports
Maxtor 213MB IDE Hard Disk 15ms
Orchid VLB IDE Host Adptr, 8mbps Access Time
Orchid Fahrenheit VLB SVGA Adaptr with 2MB RAM
Sampo AlphaScan 15" .28mm SVGA Monitor
Keytronic 101K Enhanced Keyboard

$2,600. 00

Customize System, Please Call

Comet Micro ISA 486-33MHz

486DX-33MHz with 256K Cache
(US Made, FCC Class B Certified)
Full size tower with 250W power supply
4MB RAM 70ns, Exp. to 32MB on board
Teac 1.2MB and 1.44MB Floppy Drive
Maxtor 213MB IDE Hard Disk 15ms
IDE 2 Hard/2 Floppy Drive Controller
2 Serial, 1 Parallel & 1 Game Ports
Diamond SpeedStar 24x SVGA Adaptor Hi-Color
Sampo AlphaScan Plus 14" 72Hz SVGA Monitor
Keytronic or Mitsumi Enhanced Keyboard

$2,200. 00

DX2-66MHz System, Please Call

System Boards

All system board come without CPU & RAM

Diamond Computer 486DX & DX2 Local Bus	CALL
Orchid 486 50MHz VLB 256K Cache	**CALL**
Orchid 486 33MHz VLB 256K Cache	**390**
NICE US Made 486DX & DX2 VLB Local Bus	CALL
NICE US Made 486DX 33MHz / DX2 66MHz	290
NICE US Made 486DX 50MHz / DX2 50MHz	290
Comet 486 33/50 MHz 64K Cache	170/209
Comet 386 33MHz 64K RAM Cache	140
Comet 386SX 25MHz with CPU	160

Hard Drives

Conner CP3000 40MB 28ms	180
Conner CP30084 84MB 19ms	239
Conner CP30104 120MB 17ms	300
Conner CP30174E 170MB 17ms	350
Conner CP 30204 204MB IDE 256K 12ms	**475**
Conner CP 30200 200MB SCSI 256K 12ms	**495**
Maxtor 2585AT 85MB IDE 15ms	249
Maxtor LXT7120A 130MB 15ms	305
Maxtor LXT7213A 210MB 15ms	399
Maxtor LXT340A 340MB 13ms	675
Maxtor LXT535A 535MB 12ms	950
Maxtor XT8760 675MB ESDI or SCSI 16ms	1300
Maxtor 1.02GB Panther Drive SCSI 13ms	1520
Maxtor 1.7GB Panther Drive SCSI 13ms	1750

Fujitsu Hard Drives: 5 Year Warrenty

Fujitsu M2623 425MB IDE 3.5" 11ms	900
Fujitsu M2624 520MB IDE 3.5" 11ms	970
Fujitsu M2624 520MB SCSI 3.5" 11ms	1100
Fujitsu M2261 415MB SCSI	970
Fujitsu M2263 660MB SCSI	1190
Toshiba 877MB SCSI 3.5" 12ms 5yr Warr.	1300
Quantum ELS127AT 127MB IDE 15ms	305
Quantum LPS240AT 244MB IDE 15ms	499

Power Supplies (kingsPao)

150W XT Size Power Supply	49
200W XT Size Power Supply	59
230W AT Size Power Supply	59
250W PS2 Size Power Supply	59
250W AT Size Power Supply for Tower	69
300W AT Size Power Supply for Tower	99

Floppy Drives

Teac 5.25" 1.2MB Floppy Drive	60
Teac 5.25" 360K Floppy Drive	60
Teac 3.5" 1.44 MB Floppy Disk Drive	60

Monitors

14" Amber Monochrome Monitor	105
14" Paper White VGA Monochrome Monitor	125
14" Addonics VGA 640x480 Monitor	240
14" Addonics SVGA 1024x768 .28mm Monitor	299
14" Addonics SVGA 1024x768 .28mm NI Monitor	335
14" Sampo AlphaScan 1024x768 72Hz NI Monitor	395
15" Sampo AlphaScan 1024x768 70Hz NI Monitor	520
15" ViewSonic 6FS 1024x768 72Hz NI Monitor	650
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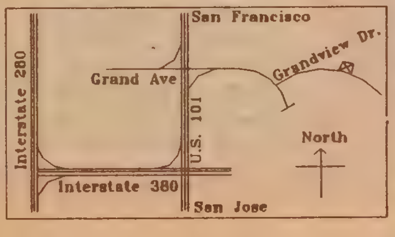

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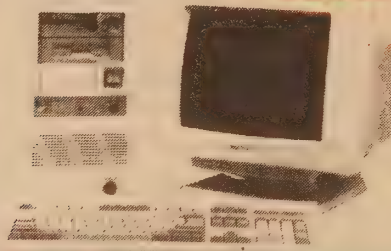

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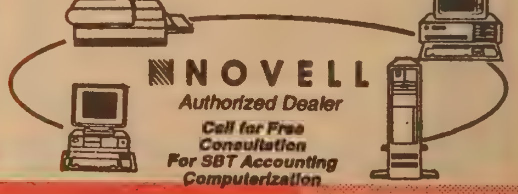

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Continued on page 270

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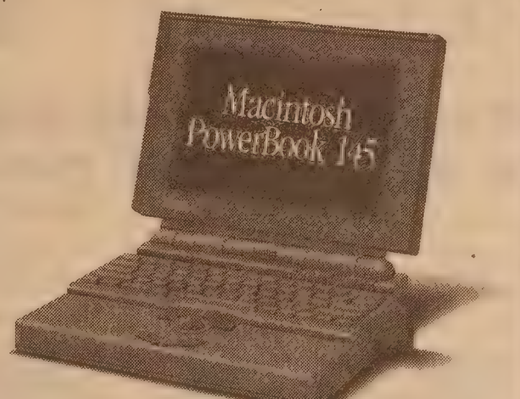

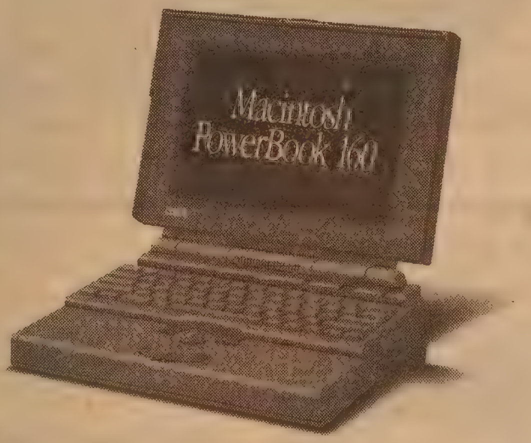

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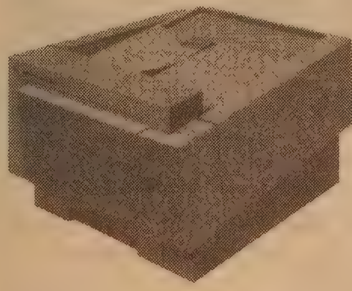

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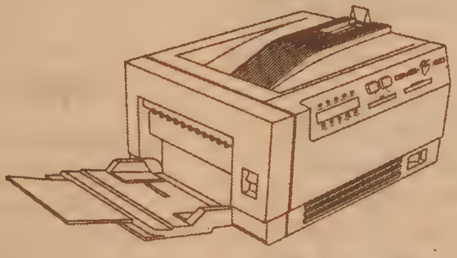

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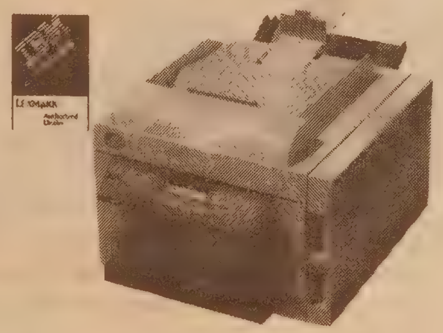

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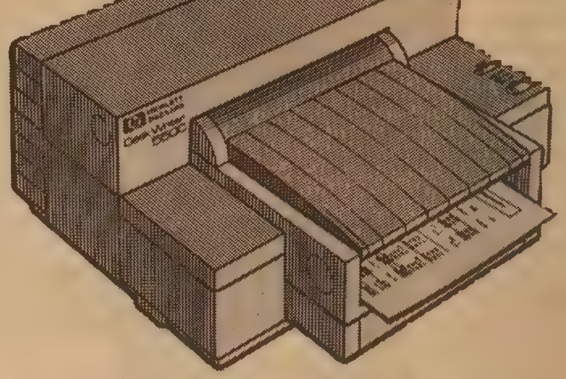

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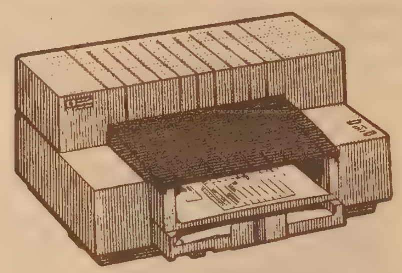

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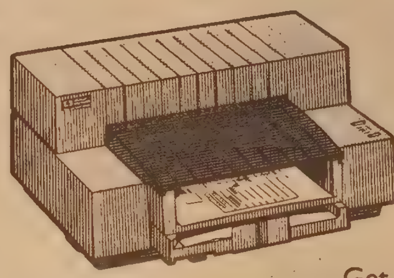

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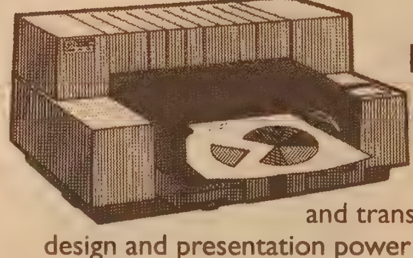

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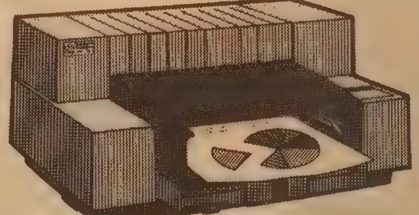


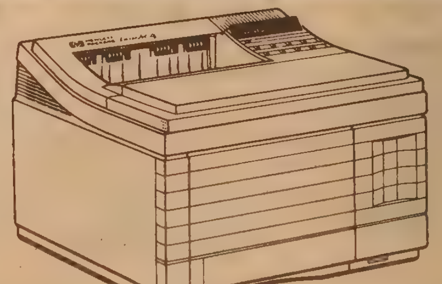
HP DeskWriter C Printer

The new HP DeskWriter C adds color capacity to an already famous laser quality black output. It's compatible with Apple® Macintosh® personal computers—and your budget.

* *Hurry! Rebate Ends 1/31/93*

IF YOU'RE NOT SATISFIED FOR ANY REASON, PLEASE LET US KNOW.

HP LaserJet 4 Printer



HP takes laser printing to the fourth dimension with this surprisingly affordable 600 dots-per-inch printer. (That's twice the resolution of the LaserJet III.) With 45 fonts, 8 page-per-minute speed, fast output from Windows, and, of course, the great network performance you'd expect from HP.

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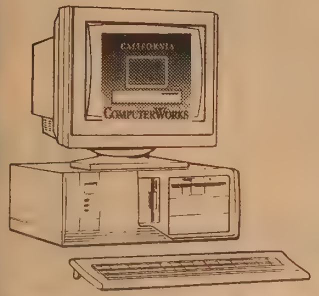
WHOLE EARTH

Brand Names & Warehouse Prices.

California Computer Works. Once again, California is first.



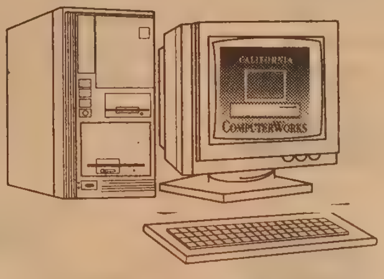
$699. w/40 MB HD

386SX-25 MHz Desktop

- 2 MB RAM
- SVGA w/512k video memory
- 3-1/2" & 5-1/4" floppy drives
- 200 watt power supply
- 101 keyboard
- DOS 5.0 • Windows 3.1
- Power Menu
- McAfee Antivirus
- 1-year depot warranty

CCWSCA0014

Monitor Extra

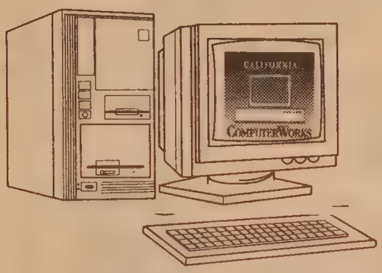


$999. Color Monitor w/40 MB HD

486SX-25 MHz Mini-Tower Complete System

- 1 MB RAM
- SVGA w/512k video memory
- 3-1/2" & 5-1/4" floppy drives
- 200 watt power supply
- 101 keyboard
- DOS 5.0
- Power Menu
- McAfee Antivirus
- 1-year depot warranty

#CCWSCA0017

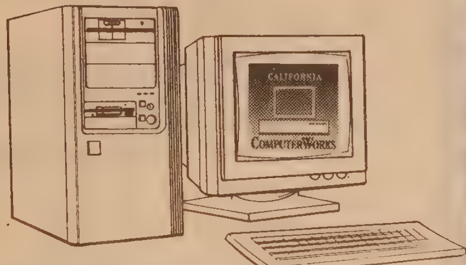


$1179. Color Monitor w/105 MB HD

386DX-40 MHz Mini-tower Complete System

- 4 MB RAM • 64k RAM cache
- SVGA w/512k video memory
- 3-1/2" & 5-1/4" floppy drives
- 200 watt power supply
- 101 keyboard
- DOS 5.0 • Windows 3.1
- Power Menu
- McAfee Antivirus
- 1-year depot warranty

#CCWSCA0012



$1899. w/170MB HD

486DX-50 Mid Tower

- 4 MB RAM • 64k RAM cache
- SVGA w/512k video memory
- 3-1/2" & 5-1/4" floppy drives
- 200 watt power supply
- 101 keyboard
- DOS 5.0 • Windows 3.1
- Power Menu
- McAfee Antivirus
- 1-year depot warranty

#CCWSCA0002

Monitor Extra

SPECIALS THIS MONTH

TOSHIBA

Satellite™
T1850

SPECIAL PACKAGE WITH SOFTWARE PRE-INSTALLED FREE $300 VALUE

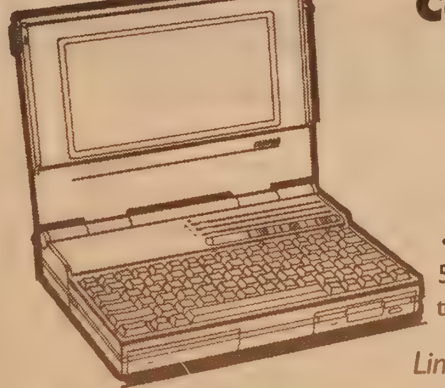
Toshiba Satellite™ T1850

- 6.8 lbs light
- Brilliant i386SX-25 MHz processor
- 64-gray VGA display
- 80 MB hard drive–plenty of Space
- Universal 3-1/2" floppy drive
- 4 MB RAM (expandable to 12) gives Windows a rocket boost

COMPAQ

NEW!

Compaq Contoura 386SL-25 MHz Notebook



- 1-year onsite warranty • 60 MB hard drive • High-contrast VGA display
- 3-1/2 hour rechargeable battery pk.
- Smart hibernation and auto-off • DOS 5.0 pre-installed• 2 MB RAM expandable to 10 • QuickLock key protects your data

Limited Supply **$1699**

TOSHIBA

Satellite™
T1800

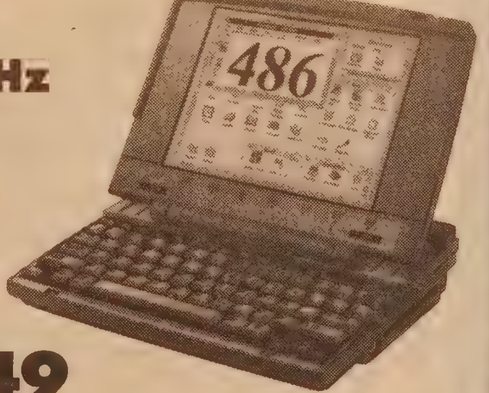
SPECIAL PACKAGE WITH SOFTWARE PRE-INSTALLED FREE $300 VALUE

Toshiba Satellite™ T1800

- So light, it practically defies gravity (6.8 lbs)
- Stellar i386SX-20 MHz processor
- 64-gray VGA display for out-of-this-world graphics
- Galactic-sized 60 MB hard drive
- Universal 3-1/2" floppy drive
- 2 MB RAM (expandable to 10)

Avanti 486

486SLC-25 MHz Notebook



- 80 MB hard drive
- Send/receive fax modem
- 4 MB RAM; 1K on-chip cache
- Windows 3.1 & mouse
- DOS 5.0
- WinFax
- Carrying case

#000048601 **$2949**

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FOR 6 MONTHS

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San Francisco
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Concord
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Hours
Mon-Fri: 10am-9pm • Sat: 10am-6pm • Sun 11am-6pm

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5

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San Francisco
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Blvd.
(415) 285-5244

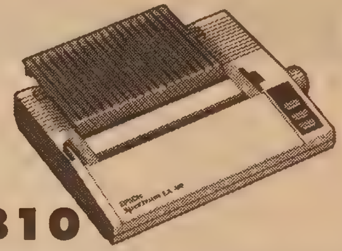
Concord
Willows
Shopping Center
(510) 686-2270

San Mateo
Island Shopping
Center
(415) 578-9200

San Jose
3530 Stevens
Creek Blvd.
(between
Winchester &
San Tomas)
(408) 554-1500

Sacramento
3130 Arden Way
(916) 489-1000

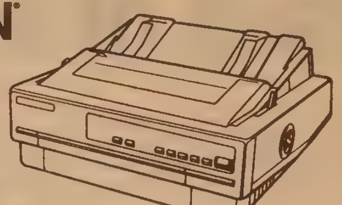
EPSON



LX-810

9 Pin • SmartPark™ paper handling • 200 CPS Super draft • 30 CPS NLQ • High resolution graphics

169.



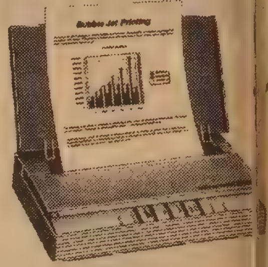
LQ-570

This 24 pin printer utilizes scalable fonts, enhanced graphics, and advanced paper handling to offer better performance.

269.

Canon BJ10ex

The Canon BJ10ex gives you high-quality document, anywhere, anytime. This portable printer has 360 dpi resolution and battery operation. Optional battery and sheet feed.



$319

IBM Business Partner Authorized Advanced Products Dealer

Monitor Included
intel inside

IBM® PS/1® Expert Model 2155-S14

- 1-year warranty
- 386SX-25 MHz processor
- 2 MB RAM (expandable to 16)
- 3-1/2" disk and 5-1/4"drives
- 14" SVGA color monitor
- 170 MB hard drive
- DOS 5.0 • Windows 3.1
- Microsoft Works for Windows
- 512K video memory
- Virus protection
- 3 months free Prodigy®
- Easy built-in help system & tutorial
- PS/1 Club for 20-hour help via modem
- 5 easy-access expansion slots.

Limited Supply

$1499

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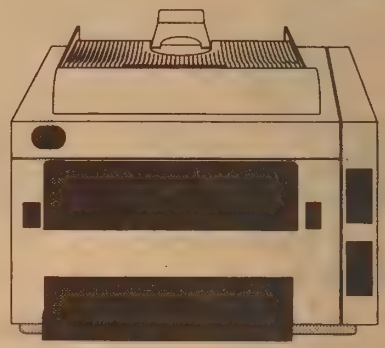
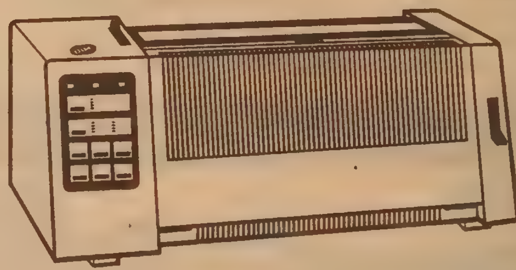
IBM Printers LEXMARK Authorized Dealer



IBM® Laser Printer E

IBM's most affordable laser printer is built to fit on any desktop, prints 5 pages per minute at a sharp 300 dpi, and is built to meet demanding IBM standards.

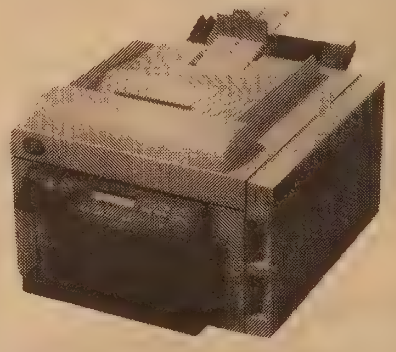
829.



IBM® PPSII 2380

IBM takes impact printing seriously as you and your business. This solid, reliable 9-pin printer is built with a straight paper path so six-part forms and thick paper print right the first time.

$319



IBM® Laser Printers 6 and 10

IBM's Laser 6 and Laser 10 come standard with a 200-sheet input tray, and IBM's Print Quality Enhancement; they grow with your business with optional envelope and extra paper drawers and an option for PostScript.®

6: **1299** **10:** **1599**

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Avalanches of Accessories

6

System Connection

Surge Protector

$\$4^{95}$

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HOLDS 80 DISKS!

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ALLSOP

Dual Disk Drive Cleaner CK.-50

$\$5^{95}$

Manufacturing Company, Inc
CURTIS

Universal Printer Legs

$\$7^{95}$

BASIC NEEDS

Utility Pack

$\$7^{95}$

System Connection

similar to illustration

Mouse w/software
AC-ME01

$\$9^{95}$

MicroComputer Accessories, Inc.
A RUBBERMAID COMPANY

Tilt & turn monitor stand

$\$13^{95}$

System Connection

Power Control Center SP1000

$\$15^{95}$

THE SOFTWARE TOOLWORKS

THE MIRACLE
PIANO TEACHING SYSTEM

Software Toolworks

The Miracle Piano Teaching System

The first keyboard that teaches you how to play! • Pro keyboard with 49 large velocity-sensitive keys, 128 instruments and sounds • Full orchestral accompaniment • Flashcards, demo, video games, practice sessions, all designed to help you learn how to play piano.

MAC .... $429.

DOS............. $399.

"Puzzle Pieces" Mouse/Wrist Pad Set

SILICON SPORTS

rotect your wrists whether ou're using your mouse or eyboard. "Puzzle" design lets ou take the pieces apart for our convenience.

$10.95 each

MicroComputer Accessories, Inc.
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Space-Efficient Workstation

A mobile, compact and self-contained computer desk for the home or office • Glide-out keyboard drawer with built-in wrist rest/storage compartment #1050

$109.

TDK

79¢ each

TDK 3.5" HD Disks

Choose the top name in magnetic media for your valuable data. (Sold in 10-packs only)

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Prince of Persia from Broderbund

Animated game of the year, with Arabian Nights theme and endlessly challenging levels.

25.

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Wacky animations or gorgeous changing patterns to fight screen burn-in and enhance your office. A must-have!

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Scores of humorous digitized sounds to replace your Mac's regular beeps and event sounds.

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Carmen San Diego (all editions except CD & Deluxe)

All-time bestsellers with great sounds and graphics. Kids learn geography, history, and more as they track down the world's most insidious crook and her gang.

Excluding CD ROM and deluxe versions

35

SAM Anti-virus

Protect your computer from unwanted software guests. From Symantec, the leader in virus insurance.

69.

My Advanced Label Designer

With My Advanced Label Designer, you can pump out every kind of Avery label, audio and video cassette labels, even signs and flyers. Super-easy to learn.

Macintosh 35. Windows 35.

Microsoft Word

The best-selling word processor for the Macintosh and Windows is easier with drag-and-drop editing and built-in grammar checking.

Macintosh 289. Windows 299.

Microsoft Excel

Bill Gates ordered the Microsoft team to create the best spreadsheet ever. Now Whole Earth offers it at the best price ever.

Macintosh 299. Windows 329.

Lotus 1-2-3

It's easy to use, widely compatible, and full of flashy new features. Whole Earth makes it easy for you to bring your office into the 90s.

DOS 319. Windows 329.

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ELECTRONICS

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THE BEST PRICE IN TOWN!

$835

486DX2-66 MHz

- 1 MB Expandable to 32 MB on Board
- 8K Internal Cache
- 64K External Cache Exp. to 256K
- Shadow Ram
- 1.2 or 1.44 MB Floppy Drive
- 1:1 Interleave HD/FD Controller
- Tower or Desktop case w/power supply
- 101 Enhanced Keyboard

$815

486-50 MHz w/64K Cache

Intel 80486 50 MHz CPU

- 1 MB Expandable to 32 MB on board
- 8K Internal Cache
- 64K External Cache exp. to 256K
- Shadow RAM
- 1.2 or 1.44 MB Floppy Drive
- 1:1 Internal HD/FD Controller
- Tower or Desktop case w/power supply
- 101 Enhanced Keyboard

486-33 MHz w/64K Cache

w/Intel 80486-33 MHz CPU $610

w/Cyrix CPU $485

- 1 MB Expandable to 32 MB on board
- 8K Internal Cache
- 64K External Cache exp. to 256K
- Landmark=152
- Shadow RAM
- 1.2 or 1.44 MB Floppy Drive
- 1:1 Internal HD/FD Controller
- Tower or desktop case w/power supply
- 101 Enhanced Keyboard

Optional for 486 Systems

Local Bus .... Add **$40**
EISA .... Add **$150**
EISA & Local Bus .... Add **$200**
Orchid Local Bus Motherboard .... Add **$220**

OPTIONAL:

w/system purchase

- 12" Mono Monitor & Card $85
- Super VGA Monitor (1024x768 0.39) w/SVGA Card 512K $255
- Super VGA Monitor (1024x768 0.28) w/SVGA Card 512K $295
- Non-Interlaced SVGA Monitor (1024x768 .28) w/1MB Card $350
- Orchid Prodesigner II's 1MB w/SONY 1304 ..... $880

$270

386-SX 33 MHz

- 1 MB Expandable to 8 MB
- Shadow RAM
- 1:1 Interleave HD/FD Controller
- 1.2 or 1.44 MB Floppy Drive
- Tower or desktop case w/power supply
- 101 Enhanced Keyboard

$260

386-SX 25 MHz

- Landmark=36
- 1 MB Expandable to 8 MB
- Shadow RAM
- 1:1 HD/FD Controller
- 1.2 or 1.44 MB Floppy Drive
- Tower or desktop case w/power supply
- 101 Enhanced Keyboard

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$235

286-20 MHz 0 Wait

- Landmark =21
- 512K Expandable to 4 MB
- Real Time Clock
- 8 Expansion Slots
- 80287 Socket
- 1:1 HD/FD Controller
- 1.2 or 1.44 MB Floppy Drive
- Tower or Desktop case w/power supply
- 101 Enhanced Keyboard

$220

286-12 MHz 0 Wait

- 6/12 MHz 0 Wait
- 512K Expandable to 4 MB
- C & T Chip Set
- EMS 4.0 Built-In
- Shadow RAM
- Landmark=16
- 1:1 HD/FD Controller
- Real Time clock
- 1.2 or 1.44 MB Floppy Drive
- Tower or desktop case w/power supply
- 101 Enhanced Keyboard

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(Belmont Computer Products)

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FAX **(415) 598-0186**

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Sat 10-3

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$345
486SX-25 MHz

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- 8K Internal Cache
- Shadow RAM
- 1.2 or 1.44 MB Floppy Drive
- 1:1 Interleave HD/FD Controller
- 101 Enhanced Keyboard
- Tower or Desktop case w/power supply

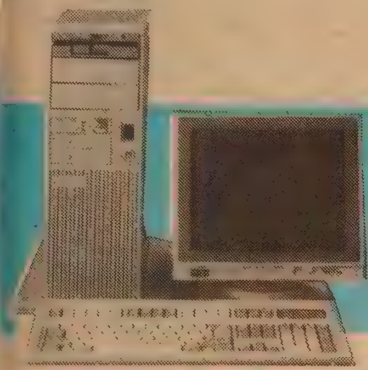
486SX-20 MHz. $335

$320
386-40 MHz w/64K Cache

- 1 MB Expandable to 32 MB on Board
- 64K Static Cache Memory
- Shadow RAM
- 1.2 or 1.44 MB Floppy Dr.
- 1:1 Interleave HD/FD Controller
- Socket for 80387
- Tower or desktop case w/power supply
- 101 Enhanced Keyboard

$315
386-33 MHz 64K Cache

- 1 MB Expandable to 32 MB on Board
- 64K Static Cache Memory
- Landmark=57
- Shadow Ram
- 1.2 or 1.44 MB Floppy Drive
- 1:1 Interleave HD/FD Controller
- Socket for 80387
- Tower or desktop case w/power supply
- 101 Enhanced Keyboard



- 44 MB 28MS Hard Disk . . . $180
- 85 MB 15MS . . . 205
- 125 MB 15MS . . . 235
- 170 MB 15MS . . . 265
- [illegible]
- [illegible]
- [illegible]
- [illegible]

Keyboard

Mitsumi 101 Key	$39
Keytronic 101 Key	45
Maxiswitch 101 Key	45
OmniKey 101/102/Ultra	73/73/102

Printer

Panasonic KX-P 1180 w/Cable	$155
Panasonic KX-P 1123 w/Cable	205
Panasonic KX-P 1624 w/Cable	345
Panasonic 1124i w/Cable	285

Monitor

Hyundai Mono	$75
14″ Flat Screen	95
Super VGA (1024x768) 0.39	225
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Non-Interlaced SVGA Monitor	305
Sony 1304S	560
Sony 1604	CALL
Viewsonic 6	355
Viewsonic 6FS	590
Viewsonic 7	985
IDEK 5217 17″	940
Nanao 9080i	910
Nanao F550i 17″ 1280x1024 .28	1045
NEC 3FGX/4FGX	635/735

Modem

2400 Baud (Int)	$40
2400 Baud (Ext)	75
9600 Baud Int. V. 32	199
Fax Modem (9600 FAX, 2400 modem)	65
(9600 Fax, 14400 Modem)	275

Interface Card

Mono Graphic Card	$20
VGA Card (16 bit 800x600)	35
OAK SVGA (1024x768 512K)	45
Trident VGA w/1 MB RAM	65
Orchid Pro Designer II S w/1 MB	125
Orchid Pro Designer II S w/Sierra Ramdac	135
Orchid Fahrenheit (1280x1024)	210
SpeedSTAR Plus 1M	125
SpeedSTAR Hi-Color 1M	135
Diamond Speedster 24X	165
Diamond Stealth	215
AT M I/O (2S, 1P, 1G)	25
1:1 FDC/HDC (MFM)	65
IDE Card w/cable	25
Ultraster ESDI w/32K Cache	155
Adaptec SCSI 1542B w/kit	265
DTC 3290 SCSI (EISA) w/512K	450

Hard Disk

Conner 3000 40 MB	$170
Western Digital 85 MB (18ms)	215
Conner 85 MB	215
NEC 105 MB	245
Conner 30104 120 MB (18ms)	280
Western Digital 125 MB	280
Maxtor 7120A 130 MB 15ms	280
Conner 170 MB	320
Conner 30204 210 MB	380
Western Digital 210 MB	380
Maxtor 7213 210 MB	380
Maxtor 340 MB	660
Conner 3504 510 MB 12ms	925
Fujitsu 512 MB 12ms	925
Fujitsu 670 MB SCSI	1150

Motherboard

286 6/12 MHz	$75
286 8/20 MHz	85
386-SX 25 MHz	120
386-SX 33 MHz	130
386-25 MHz	165
386-33 MHz 64K Cache	185
386-40 MHz 64K Cache	195
486-33 MHz w/64K Cache	550
486-50 MHz w/64K Cache	720

Floppy Drive

TEAC/Epson 1.2 MB	$60
TEAC/Epson 1.44 MB 3.5″	60

Misc.

287-8/10	$40/40
387-SX	75
387-25/33/40	85/95/105
150W (XT) Power Supply	40
230W Power Supply	48
Logitech Mouse Man	65
Logi Trackman Serial/Bus	75
Microsoft Serial/Bus Mouse	85
DFI Mouse (3 Button, Micro Soft Compatible)	25
AT Deluxe Case	48
Mini Vertical Case w/Power Supply	65
Mid Tower Case w/Power Supply	95
Full Tower Case w/Power Supply	125
Colorado 120 MB Tape Back-Up	185
Colorado 250 MB Tape Back-Up	245
RAM DIP/SIPP/SIMM	CALL
Sony CD-ROM CDU 535 540MB	320

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Printers are now
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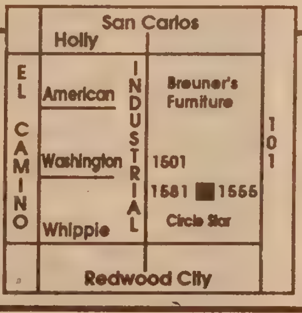

MICRO MARKETPLACE

PanPacific Computer Corporation

is a leading manufacturer of 80486 motherboards and a diversified supplier of both high-end and low-end PC-AT add on cards. PanPacific has invested heavily in research engineering and product development. Our commitment to excellence drives our search for products with the highest quality while maintaining the lowest costs. We offer a wide range of products that keep you on the cutting edge of computer technology. Our knowledgeable technical staff understands the needs of computer users and are ready to provide solutions by the most effective and efficient means available. All of our products come complete with unlimited lifetime technical support and a comprehensive one-year parts and labor warranty.

PanPacific knows that our commitment to quality products and service excellence keeps you on the cutting edge of technology.

If you are looking for a reliable AT-compatible PC, here is a list of selections.

486DX2-66/64K	**$1680**
486DX2-50/64K	**$1465**
486DX-50/64K	**$1630**
486DX-33/64K	**$1450**
386DX-40/64K	**$1060**
386SX-33	**$990**

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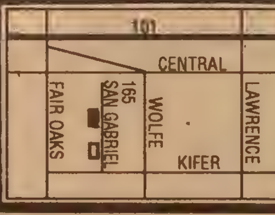

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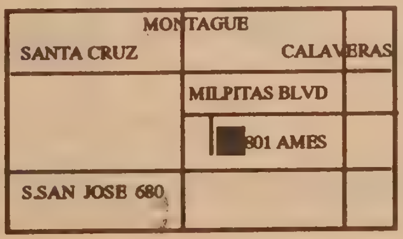

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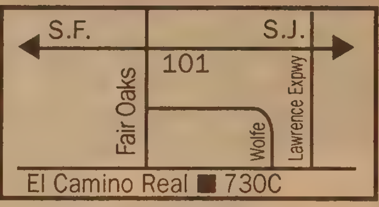

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- TEAC 1.2MB Floppy Drive
- TEAC 1.44MB Floppy Drive
- KeyTronic 101+ Enhanced Keyboard
- Logitech 3-Button Mouse w/ Pad
- ORCHID VLB IDE Controller 32-bit 2HD/2FD VESA Local Bus Max. 8 MB/s data transfer rate
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- *TEAC 1.2MB Floppy Drive
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- *101 Enhanced Keyboard
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- *2HD/2FD IDE Controller w/ 2 Serials, 1 Parallel, & 1 Game Ports
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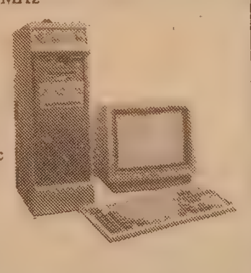

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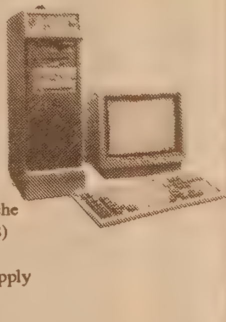

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- *101 Enhanced Keyboard
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- *2HD/2FD IDE Controller w/ 2 Serials, 1 Parallel, & 1 Game Ports
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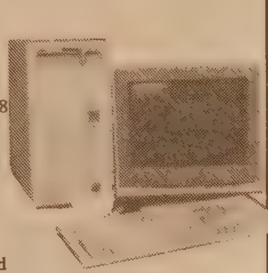
- *Trident 8900C 1024x768 w/1MB SVGA Graphic Card
- *1.2MB Floppy Drive
- *1.44MB Floppy Drive
- *101 Enhanced Keyboard
- *Microsoft Compatible Mouse w/ Pad
- *2HD/2FD IDE Controller w/ 2 Serials, 1 Parallel, & 1 Game
- *Mini Tower Case w/ 230 Watts Power Supply
- *Microsoft DOS 5.0 Package



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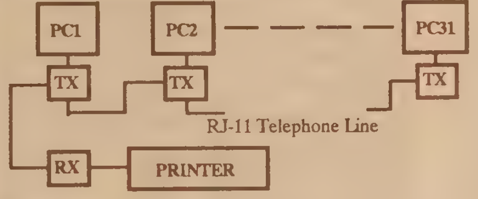

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* w/system

Graphic Cards

Oak 800x600 w/512KB	$42
REALTEK 1024x768 w/1MB & Hi Color	$65
Trident 8900C 1024x768 w/1MB	$65
Trident 9000 1024x768 w/512KB	$45
Paradise 1024x768 w/1MB	$99
Paradise Graphic Accelerator w/1MB&Hi-C	$189
Tseng Lab 1024x768 w/1MB	$99
Orchid Pro-Designer IIs w/1MB & Hi-Color	$139*
Orchid Fahrenheit w/1MB & Hi-Color	$199*
Diamond SpeedStar w/1MB 24-bit Hi-Color	$148
Diamontd 24X w/1MB & Hi-Color	$179
Diamond Stealth w/1MB Hi-Color	$219
ATI Ultra Graphic Pro w/2MB VRAM (ISA,EISA,MCA,VL)	$529
Genoa 7900 Multimedia w/ 1MB Hi-Color (24-Bits 16 Million Color)	$139

Softwares

Microsoft DOS 5.0 Upgrade	$49
Digital Research DR-DOS 6.0	$66
Microsoft Windows 3.1	$87
Microsoft Windows 3.1 upgrade	$49
Microsoft Excel 4.0 for Windows	$125
Microsoft Entertainment Pack 1-3	$25@
Microsoft Flight Simulator 4.0	$38
Microsoft Word 2.0 for Windows	$125
IBM OS/2 Version 2.0	$139
WordPerfect for Windows 5.1	$115
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MultiMedia Upgrade Kit (CD-ROM,CDs,Sound Blaster Pro,Midi........)	$565

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Logitech Serial/Bus MouseMan w/MouseWare	$65
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Logitech Scanman 256 w/OCR 400DPI	$299
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KeyTronic 101+ enhanced keyboard	$45
Maxiswitch 101 enhanced keyboard	$39
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Northgate Omni Ultra 118 key enhanced keyboard	$95
Zoltrix 2400/9600 Send & Receive Fax Modem w/MNP5	$59
Zoltrix 2400 Baud Internal Modem	$40
TEAC 1.2MB/SONY 1.44MB Floppy Drive	$58/54
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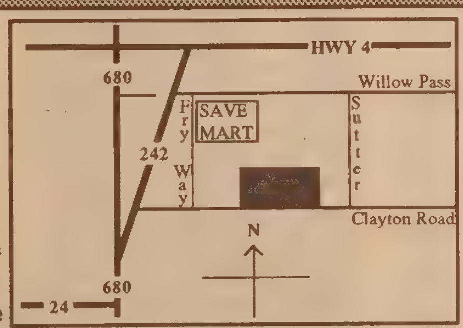

December 92

ROADRUNNER SERIES
ASA
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- Motherboard
- Video Display
- RAM/Cache memory (as applicable)
- Hard/Floppy drives (as indicated)
- Input/Output ports
- 101 Keyboard and Mouse

CPU	Style	Cache	RAM (kB)	Floppy Drives (MB)	Hard Drives (MB)	Video Display	Price
286SX-20	A	0	1	1.44	40	12" Mono	$470.00
386SX-25	A	0	2	1.44	40	13" VGA	$615.00
386DX-40	B	64	4	1.44	80	13" VGA	$825.00
486SX-25	B	0	8	1.44	80	13" VGA	$855.00
486DX-33	C	64	16	1.44	120	13" VGA	$1,195.00
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- RAM/Cache memory (as applicable)
- Hard/Floppy drives (as indicated)
- Input/Output ports
- 101 Keyboard and Mouse
- MS-DOS 5.0

CPU	Style	Cache (kB)	RAM (MB)	Floppy Drives (MB)	Hard Drives (MB)	Video Display	Price
386SX-25 ISA	A	0	2	1.44	80	14" Mono VGA	$695.00
386DX-40 ISA	A	64	4	1.44	120	14" SVGA	$1,095.00
486SX-25 ISA	B	0	4	1.44	174	14" SVGA	$1,195.00
486DX-33 ISA	B	256	8	1.44	213	14" SVGA	$1,795.00
486DX-50 ISA	C	256	16	1.44	535	14" SVGA	$2,895.00
486DX-66 EISA	C	1MB	128	1.44	1.2GB SCSI	14" SVGA	$7,885.00

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2. Barebone systems
3. Fully configured systems

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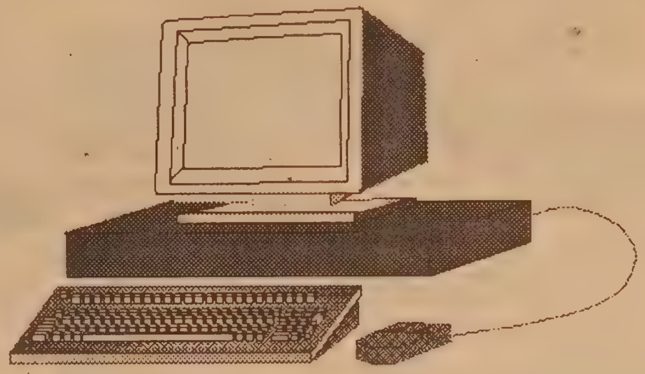

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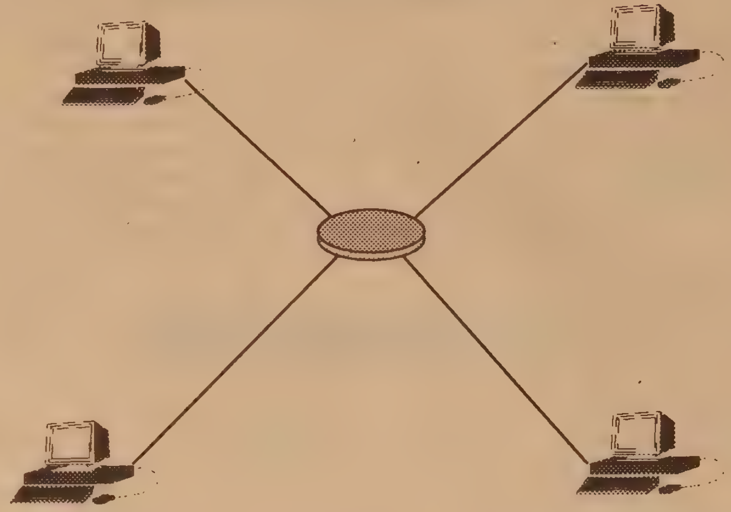

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Mini Tower, 4MB, IDE Cont., 1.44 Floppy Drive, 80MB Hard Drive, VGA Card, VGA .28 Color Monitor 13", 101KB
.......................$829

486 DX 33 MHz 64/256 Cache
Mini Tower, 4MB, IDE Cont., 1.44 Floppy Drive, 200MB Hard Drive, VGA Card, 13" VGA .28 Color Monitor, 101KB
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Mini Tower, 2MB, IDE Cont., 1.44 Floppy Drive, 80 MB Hard Drive, VGA Card, VGA .28 Color Monitor 13", 101KB
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Mini Tower, 4MB, IDE Cont., 1.44 Floppy Drive, 120MB Hard Drive, VGA Card, VGA .28 Color Monitor 13", 101KB
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Mini Tower, 4MB, IDE Cont., 1.44 Floppy Drive, 200MB Hard Drive, VGA Card, 13" VGA .28 Color Monitor, 101KB
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WIN3.1...........$1535/1570

386 SX -25 MHz
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WIN3.1.................$875

486 SX -25 MHz
Medium Tower Case, 4MB, IDE Cont. 2SPG, 1.44 Floppy Drv, 120MB Hard Drive, 1MB SVGA Crd, SVGA .28 Color Monitor, 101KB, Mouse, DOS 5
WIN 3.1................$1155

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386DX25 PC	$481
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386DX-25	$139
386DX-33 /40w/64K	$164/174
486DLC33c64	$215
486DLC33c64 w/ math co.	$285
486SX-25 UgrdbletoDX	$195
486DX-33w/64/256K	$475/510
486DX50 w/256K	$710
486DX2-50/66 w/256K	$695/745
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ASA	
ASA 486-33/DX-50 256k	$610/820
ASA 486-33/50 256 EISA	$745/955
..(upto 128MB; 1MB Cache)	
MYLEX	
386DX-33 w/ I/O, IDE 64K	$375
486DX-33 w/ IDE, I/O 128K	$785
486DX-33 EISA 128K	$1295

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XT Turbo w/ PS	$55
Baby Desk/Tower w/ PS	$54
Baby Desk PS Del	$69
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BLACK	
Baby Desk/Tower w/PS	$88
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External HDD Cases	
1FH/2HH...65W	$110
2FH/3HH...65W	$137
SCSI Cables Int/Ext	$9/10
Power Supplies	
XT Power Supply	$34
PC Power XT Turbo Cool 230	$80
220 AT	$46
PS2 200W	$40
PS2 300 W	$95
Full Tower 230W	$58
Full Tower 300/400	$80/154

UPS's see in Networking Products

CONTROLLERS

IDE 2FD/2HD	$12
IDE 4FD/2HD	$33
IDEw/2SPG..gen/WD	$16/26
IDE Caching UltraStor	$209
IDE EISA DTC	$135
MFM ST21M	$37
RLL 4FD/2HD	$69
SCSI	
DTC	$103
Future Domain Comp	$52
ADAP 1522B/Kit	$116/140
ADAP 1542B/Kit	$207/249
ADAP 1740 EISA	$429
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DPT Smart Cache+EISA	$540
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Diamond Stealth	$209
Mylex GLI	$249
ATI Ultra Grpx 1MB	$279

For Accelerator Boards see Engineering section

Not responsible for typos.
Prices are subject to change.

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Other Japan. 1.2/1.44	51/47
IDE	
ST CON 20/40	$104/159
CON/WD 60	$189
CON/WD 80	$199
ST/CON/Q/105	$255
CON/MXT/ST 120/130	$269/285
CON 170	$295
CON/MXT 200	$375
Q/ST 240	$489
MXT 340	$599
Fuj/CON 425MB/540MB	$915/975
MFM	
ST80......full h.	$269
ESDI	
ST 172/338	$737/1167
MXT203	$757
MXT338/670	$1065/1190
SCSI	
CON 40	$209
CON/MXT 105/120	$310/325
CON/MXT 212/340	$495/765
CON 540	$1075
ST 89 5.25"	$287
ST/MXT 172/338 5.25"	$607/1057
FUJ340/425/540	$935/957/1045
FUJ 680	$1245
FUJ 1G...........5 yr.	$1595
ST/MXT 680MB [fmtd cap]	$1190
ST/MXT 1GB [fmtd cap]	$1545
ST/MXT 1.4GB [fmtd cap]	$1885
ST/MXT 1.9GB [fmtd cap]	$2795
ST/MXT 2.1GB [fmtd cap]	$3595
Tosh 877 MB 3.5" Drive	$1095
...1.2 GB 3.5" 2 yr.	$1545
1.0 GB 3.5"	$1795

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Syquest 44MB Dr.	$290
w/ Ext Cs, Cbls, cartridge, Cont.	$485
Syquest 88MB Dr.	$390
Bernoulli 44 Insider	$907
Bernoulli 90 Insider	$840
Cartridges see storage media	
IDE: Upto 1GB removable kits	$39
SCSI: Upto 1GB Rem Kits	$138

MONITORS

Mono 12"	$73
Mono 14"	$93
Mono 9" VGA	$108
Mono 14" SVGA	$109
Black SVGA 1024,.28	**$285**
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VGA 14" .41 Color	**$170**
VGA 640,.51/.41	$179/197
SVGA [HITACHI tube] .28	$259
SVGA CTX Autoswitch	$269
M/Syn V3	$447
Sony 1304S	$589
SVGA CTX.**non Interlaced**	$305
Samsung15" 72 Hz ref NI	$499
Mitac 15"	$409
Samsung 17" .26 dpi 1280 NI	$925
Magnavox 20" 1280 NI	$1357

see our engineering section for a bigger list of monotors.

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Tape DC2120 250MB	$19
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DAT 8mm 54/112 mtr	$18/24
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Syquest 88MB Cart	$119
Bernoulli 44MB 3Pk	$315
Bernoulli 90MN 3Pk	$442

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Carbon Copy Plus 6.0	$110
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FOXPRO 2.0	$490
QuattroPro/Lotus 1-2-3	$310/403
MS Excel for Win	$301
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MS Word 2.0 for windows	$310
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P17CU01 17",FST,1024,70Hz	$775
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Sony	
CPD1304S 14",*MPRII*,70Hz	$589
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GDM1936 20" Trinitron	$2155
Idek	
MF5217 17",60/70Hz	$899
MF5221A 21",LMF,1280,72Hz	$2020
MF5421A 21",LMF,1600,.26	$2329
Taxan	
MV550 15",FST,.28,70Hz	$599
MV850/875+17",FST,.31/.26	$929/1165
Nanao	
9080I 16",1280,.28,*MPRI*	$945
F550I 17",FST,1280,.28,*MPRII*	$1085
T560I 17",Trin,1280,.26,*MPRII*	$1799
T660I 20"Trin,1280,72Hz,*MPRII*	$2549
Magnavox	
20CM64 20",1280NI,.31	$1357
NEC	
3FGX 15",.25	$649
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6FG 21",.26,Microp	$2835
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MYLEX	
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DMP-162R A-E, 8 Pen, Roll Med	$4835
ENCAD	
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SP2800 A/E, 8 Pen, Sheetfeed	$3080
SP4820 A/D, 8 Pen, Roll Feed	$4295
SP4830 A/E, 8 Pen, Roll Feed	$4648

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II 12x12 w/16btn or 4bt & Pen	$324
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KURTA	
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IS/ONE 12x17 4btn/12btn/Pen	$575

(IS/ONE also available w/Cordless.. ...4btn or Pen at same price)

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Edge Feed MS-II Omni, Kit	$729
Flatbed 600G Photostyler, Kit	$1056
Flatbed 600Z Photostyler, Kit	$1344
THE COMPLETE PC	
1/2 Page 400	$196
1/2 Page Greyscale	$256
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3000C 300dpi, 24bit color	$1045
6000C 600dpi, 24bit color	$1195
8000C 800dpi, 24bit color	$1455
Slide Scan Kit	$595

ASA COMPUTERS

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NOVELL ORIGINAL	
NE2000 16bit Thin/Thick	$149
ADVANCED LAN NETWORK	
NE2000 Comp 16bit Thin/Thick	$99
NE1000 Comp 8bit Thin/Thick	$89
Arcnet 8/16 bit	$59/69
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16 bit Ethernet Thin/Thick..bulk	$139
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3COM	
3C503 16 bit Thin/Thick	$165
3C507 16 bit Thin/Thick	$294
D-LINK	
16 bit 10BaseT	$129
MYLEX LNE	$327
ARTISOFT	
AE-2 Lantastic Kit	$459
AE-2 16 bit Adapter	$199
Z-2 Lite Kit 2 Stations	$94

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CN50ET 10BaseT	$185
CN50E Coax 10Base2	$185
CN50A Arcnet	$149

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D-LINK 12 Port 10BaseT	$495
D-LINK 4 Port 10BaseT Int	$265
D-LINK DE-1500 w/SNMP	$875
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COMPUTONE	
Advantage 8 ATV8-DB25	$515
Intelliport AT8-DB25	$625
Intelliport AT16-DB25	$1088

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AMERICAN POWER	
APC 200VA, SB, 5 Min	$103
APC 400VA, SB, 15 Min	$163
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APC SMART 400	$335
APC SMART 600	$415
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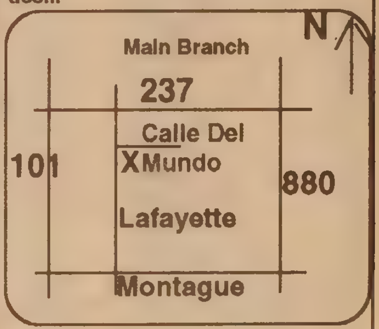

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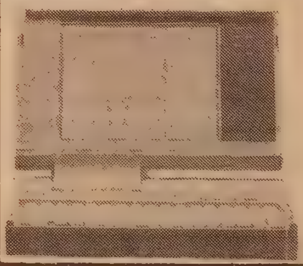

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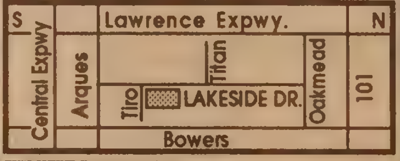

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+ 1.2 & 1.4FD + MOUSE + 4MB/70ns
+ 120-130HD (Conner/Maxtor/Quantum)

64 K Cache MOTHERBOARD &CPU

+ OPTI Chipset with cache writeback technology
+ New AMI BIOS + 1:1 IDE 2HD/2FD Controller + 101 KB
+ Enhanced case or Mini Tower case
+ 2 serial/1 parallel/1 game
+ 8 Expansion Slots + MATH COPROCESSOR SOCKET
+ CLOCK/CALENDAR w/BATTERY BACKUP

	Mother Board + CPU	BASIC system	+SVGA SAMSUNG (14") mon. (1024x768) .0.28" [illegible] Paradise	[illegible]	[illegible]
386-33/64K exp up to 256 cache	$ 170	$ 328	$ 1046	$ 1126	$ 1176
386-40/64K exp up to 256 cache	$ 174	$ 335	$ 1056	$ 1136	$ 1186
*486-33/64K exp up to 256 cache	$ 488	$ 639	$ 1308	$ 1378	$ 1425
*486-50/64K exp up to 256 cache	$ 648	$ 838	$ 1540	$ 1620	$ 1670
486-50EISA	$ 825	$ 1128	$ 1828	$ 1908	$ 1958
486-66/64K	$ 740	$ 899	$ 1568	$ 1638	$ 1685

SPECIAL

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170mb/18ms (IDE)	325
200mb (IDE)	365
200mb/116ms (SCSI)	400
240mb/15ms (IDE) Quantum	518
340mb/15ms (SCCI or IDE) Maxtor	668
676mb/16ms (SCSI or IDE)	1125

MISCELLANEOUS

AT I/O (2s/1p/1g)	$15
Internal Modem 2400 Baud	36
Fax Modem (9600 Fax, 2400 Modem)	56
3-Button mouse	15
Logitech Mouseman Serial (400dpi)	62
Logitech Mouseman Bus (4000dpi)	65
Colorado Tape Backup DJ-10/20	175/230
Baby AT/Mini Tower Case w/230W PS	59
Medium Tower Case 2/230W PS	99
Full Tower Case w/230W PS	139

MULTIMEDIA

Chinon CD-ROM	429
Mitsumi CD ROM w/Card	199
NEC CD-ROM 84M	519
ATI Stereo FX w/Speakers	129
MEDIAVISION Pro 16 Media System	970
MEDIAVISION ProAudio Spectrum 16	209
MEDIAVISION ProAudio Plus	150
Microsoft DOS 5.0/Windows 3.1	45
Microsoft Mouse	60
SoundBlaster Pro w/MIDI Kit	180

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Oak VGA-256 (800x600, 16bit)	$32
Oak VGA-521 (1024x768, 16 bit)	42
Trident 1MB (1024x768,256K colors)	65
Video 7102j w/512KB	166
Video 7VRAM II w/1MB	338
Diamond Stealth	200
Diamond Speed Star w/Hi-Color	135
Orchi IIs/Fahrenheit 1280 w/1MB	205
Orchid Prodesigner IIs w/Hi-Color	115
NEC 3FGX (15", 1024x768, 0.28)	619
NEC 4FG (15", 1024x768, 0.28)	734
NEC 4DS (16", 1024x768, 0.28)	600
NEC 5FG (20", 1280x1024, 0.31)	1,338
Sony CPD 1304s (14", 1024x768, 0.25)	560
Sony CPD 1604s (17", 1024x768, 0.25)	965
Standard VGA (640x480) Monitor 0.51	198
Super VGA (1024x768) Monitor 0.39	230
Super VGA (1024x768) Monitor 0.28	264
ATI Graphic Vantage w/mouse	215
ATI Graphic Ultra w/mouse	325
Nanao 9080i (16", 1280x1024, 0.28)	915
Nanao F550i (17", 1280x1024, 0.28)	1025
IDEK MF-5217 (17")	975
IDEK MF-5317 (17")	1025
HITACHI CM-2085M+ (20")	1370
HITACHI CM-2187M (21")	2275
TOSHIBA P17C01 (17")	1230
TOSHIBA P21CM00 (21")	2030
TAXAN MV875+ (17")	1195
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Viewsonic 4E/5E/5+	290/390/490
Viewsonic 6E	329
Viewsonic 7	1020
Viewsonic 8	1520

HARD FLOPPY DRIVE ADAPTERS

IDE 2FD/2HD	$14
IDE 4FD/2HD	35
IDE 2FD/2HD with 2s/1p/1g	18
MFM 2FD/2HD	48
IDE cache controller (promise)	145
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Ultrastor SCSI 24F	454
Ultrastor ESDI 22F/22C (EISA)	478/674

RAM & MATH COPROCESSORS

* 4 MB - 70 Simm	$135
* 4 MB - 80 Simm	125
* 1 MB - 60	35
* 1MB - 70	30
* 1 MB - 80	26
* 256K 80 Simm	10
387SX-20	55
387DX-33/25/20/16	60/55/45/35

Keyboards

101 Enhanced Keyboard	$21
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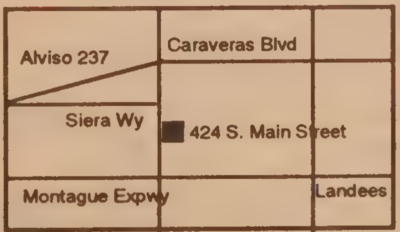

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- 120 MB IDE Hard Disk Drive
- IDE Controller Card
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- SVGA Trident w/1 MB
- 14" SVGA .28dp Monitor
- 101 Keyboard
- Mini/Desktop Case
- 230W Power Supply

$1099

386SX-25

- AMI BIOS
- 2 MB RAM
- 1.2 MB Teac Floppy Drive
- 1.44 MB Teac Floppy Drive
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- IDE Controller Card
- I/O (2S/1P/1G) Card
- SVGA Trident w/512K
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- Mini/Desktop Case
- 230W Power Supply

$839

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386SX-33	119
386SX-25	99
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Trident VGA w/512K	45
Trident VGA w/1 MB	65
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OTHERS	CALL

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	120 MB IDE	289
	200 MB IDE	425
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	360 MB IDE	749
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	660 MB	CALL
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	120 MB IDE	319
	240 MB IDE	595
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	105 MB IDE	235
	130 MB IDE	289
	200 MB IDE	539
CDC	91.5 MB SCSI	199
FUJITSU	540 MB IDE	950

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Arcnet 16-Bit	59
Lantastic	65

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Sound Blaster Pro	189
Sound Blaster	105
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Microsoft Mouse	89
Logitech w/Windows 3.1	75
Windows 3.1 Upgrade	39

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Ultrastor ESDI	CALL
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IDE w/Cache	195
IDE 4FD/2HD	32
IDE 2FD/2HD	14

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1Mx9-10	27
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1Mx9-70	29
1Mx9-60	30
256x9-70	9
256x9-10	7
256x9-80	7
256x9-60	11

APPLE-MAC

APPLE-MAC

1Mx8-70	$29
1Mx8-10	28
1Mx8-80	29
4x8-80/70	11

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DRAM 256X4		256X4-80NS	3.75
256X4-120NS	$3.00	256X4-70NS	3.75
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1 MGXI-120NS	$3.00	1 MGXI-70NX	3.99
1 MGXI-100NX	3.00	1 MGXI-60NX	3.99
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AAA 2800-07	1.75	1X4-70STT ZIPP	17
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4164-120	$1.50	4164-15	$0.85
4164-100	1.99	4164-12	0.85
		4164-10	1.50
DRAM 256X1			
256XI-150NS	$0.99	256XI-80NS	1.50
256XI-120NS	0.99	256XI-70NS	1.95
256XI-100NS	1.25	256XI-60NS	1.75

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4 MB BRD 486 STEP 25	435
1 MB KIT 386 STEP 16, 20, 25	80
4 MB KIT 386 STEP 16, 20, 25	225
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2 MB Module	199

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80386DX-25	60
80386DX-33	69
80386-40	89
80386SX-16	20
80386SX-25 AMD	40
80386SX-20 INTEL	30
80486DX-25	325
80486DX-33	359
80286-20	10
80286-10 (PLCC)	6
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80286-16 (PLCC)	15
80486DX-50	575
80486SX-20	99
V-20-8	6
V-20-10	10
V-30-10	15

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INTEL

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8087-2 8 MHz	50
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80287-8 8 MHz	45
80287XL 8/10 MHz	89
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80287-10 10 MHz	59
80C287-12 12 MHz	89
80387SX-16	75
80387SX-20	85
80387DX-20	85
80387DX-25	75
80387DX-33	89

WEITEK

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3167-25 25 MHz	135
3167-33 33 MHz	240
4167-25 MHz	325
4167-33 MHz	595

CYRIX

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83087-16	59
83D87-25	75
83D87-33	79
83D67-40	95
83S87-16	65
83X87-20SX	69
83S87-25	69

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2C87-10	49
2C87-12	49
2C87-20	55
3C87-20	79
3C87-25	69
3C87-33	69
3C87-40	89
3S87-16SX	60
3S87-20SX	60
3S87-25SX	65
3S87-33SX	75

ULSI

US 83C87DX-25	$69
US 83C87DX-33	75
US 83C87DX-40	89
US 83C87SX-16/20	60
US 83C87SX-25	75
US 83C87SX-33	69

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387DX-33	89

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4 MB Memory Kit	160
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Mac IIci; IIsi	
16 MB Memory Kit (IIci requires MAXIMA)	825
Mac IIfx	
M0376LL-A 4 MB Kit	185
16 MB Kit (requires MAXIMA)	825
Mac Classic	
M3631LL-A 1 MB Exp Brd	90
Mac Portable	
1 MB Card (True Static)	235
2 MB Card (True Static)	380
3 MB Card (True Static)	500
4 MB Card (True Static)	550
Powerbook 100: 140: 170	
2 MB Module	170
4 MB Module	295
6 MB Module	400

IBM PS/2 MEMORY

Mdl 30/386; Exp Brd 1497259	
30F5348 512K Kit	$54
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6450603 1 MB Module	69
Mdls 70-061; -E61; -121; 50Z; 55LS; 65LS; 55SX; 65SX; P70; Exp Brd 6450605; 6450609; 34F30xx	
6450604 2 MB Module	100
Mdls 70-A21; -A61; -B21; -B61	
6450608 2 MB Module	99
Mdls 55SX; 65SX; 55LS; 65LS	
34F2933 4 MB Module	149
Mdl 80-041	
6450375 1 MB Card	75
Mdls 80-111; -121; -311; -321	
6450379 2 MB Card	99
Mdls 80-A21; -A31	
6451060 4 MB Card	225
Mdls 90; -95	
6450902 2 MB Module	160
6450128 4 MB Module	265
Mdls 50 & 60	
6450609 2-14 MB Exp Brd	280
Mdls 70 & 80	
6450605 2-8 MB Exp Brd	350
34F3011 4-16 MB Exp Brd	475
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6450372 2 MB Module	285
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1057035 512K Upgrade	75
92F99352 2 MB Upgrade	105
92F96944 MB Upgrade	175

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4 MB Board	175
HP IIP, III, IIID	
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2 MB Board	99
4 MB Board	175
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1039136 1 MB Board	105
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IBM 4029e	
1 MB	75
2 MB	99
4 MB	175
TI MicroLaser & MicroLaser PS	
1 MB Module	85
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1 MB Board	135
2 MB Board	160
4 MB Board	260
Epson EPL-6000; Toshiba PageLaser 6; Packard Bell PP9500; Facit P6060; Mannesmann Tally 905; AT&T 593 Laser; NCR 6435 Laser	
1 MB Board	155
2 MB Board	160
4 MB Board	260

NEC MEMORY

POWERMATE SX PLUS	
1-2 MB W/1 APC-H850E	$175
4-8 MB W/4 APC-H52E	495
POWERMATE 386/25	
2 MB APC-H655X	320
8 MB APC-H656X	750
POWERMATE	
2 MB KIT OP-410-5201	140
4 MB KIT OP-410-5202	350
PROSPEED	
286, 386SX 16 MB PC21-21, 1 MB	190
386SX16 PC21-22, 4 MB	350
386SX 20 1 MB	275
386 PC 21-21 2 MB	489

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Mdls 3/60; 3/80; 386I/150x; 4/60; 4/65; 4/330; 4/370; 4/390; SPARC 1	
4 MB Memory Kit	$299
Mdls 4/110; 386I/250	
X116D 16 MB Kit	850
Mdls 4/60; 4/65; 4/330; 4/370; 4/390	
X116H 16 MB Kit	850
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X108E 8 MB Kit	499
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SUN 3/100's series	
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8-32 MB Exp Brd	1750
Mdl 3/50	
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AST RESEARCH MEMORY

Premium II 386/SX20; 386/33T; 486	
500780-003 1 MB Module	$75
500780-004 4 MB Module	225
Premium 386/33; -25; SX/16; 486/33; 25T; 25; 25E	
Cupid Exp Brd 500722-004	
500718-002 1 MB Module	60
Premium 386/25; SX/16	
500718-001 1 MB Module	75
Premium 386C; 386/16; Advance FASTRAM; FASTboard 386	
500510-007 1 MB Kit	95
500510-008 4 MB Kit	225
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500510-003 1 MB Kit (static)	75
500510-004 4 MB Kit (static)	185
Cupid Exp Brd for Premium 386/25; 386/33; 486's	
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1 MB Module	99
4 MB Module	210

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Mdl Z-386SX	
Z-605-1 2 MB Kit	$125
Mdls Z-386/33E; 33; 25; 20	
ZA-3800-ME 1 MB Module	90
ZA-3800-MK 4 MB Module	205
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ZA-180-64 2 MB Card	199
ZA-180-86 2 MB Card (ALPHA)	199
ZA-180-87 2 MB Card (BETA)	199
SuperSport 286; 286E	
ZA-180-66 1 MB Card	185
SuperSport 286E	
ZA-180-64 2 MB Card	199
Turbosport 386E	
ZA-3034-ME 1 MB Card	199
4 MB Memory Card	495

MICRO-PROCESSOR

68020	16 MHz	$129
	20 MHz	169
	25 MHz	179
	33 MHz	199
68030	16 MHz	129
	25 MHz	199
68010	16 MHz	60

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QS 410	
1 MB	$99
2 MB	125
3 MB	150
4 MB	180

COMPAQ MEMORY

DeskPro 386/20e; 20; 35e, 25; 286e	
113131-001 1MB Module	$99
113132-001 4MB Module	199
DeskPro 386/20e; 25e	
113644-001 1-9MB Exp Brd	150
113645-001 4-12MB Exp Brd	275
DeskPro 386s-16	
113646-001 1MB Module	99
112534-001 4MB Module	199
113633-001 1-9MB Exp Brd	160
113634-001 4-12MB Exp Brd	260
DeskPro 286N; 386N; 386SX/20	
118688-001 2MB Module	85
118690-001 4MB Module	180
DeskPro 386N; 386SX/20	
118689-001 2MB Module	120
DeskPro 286N; 386N	
118700-001 0-4MB Exp Brd	175
DeskPro 386/33L; 486/25; 486/33L; SystemPro	
115144-001 2MB Module	150
116561-001 8MB Module	350
116568-001 32MB Module	2100
DeskPro 386/16	
108071-001 1MB Kit	99
108069-001 1MB Exp Brd	230
108069-002 2MB Exp Brd	325
108070-001 4MB Exp Brd	460
108070-002 8MB Exp Brd	745
Portable 386	
107651-001 1MB Kit	199
107653-001 4MB Exp Brd	325
107654-001 4MB Exp Brd	325
Portable LTE/286	
117081-001 1MB Module	99
117081-002 2MB Module	150
117081-003 4MB Module	450
Portable SLT/286	
110235-001 1MB Module	175
110237-001 4MB Module	375
Portable SLT/386	
118303-001 1MB Module	125
118304-001 2MB Module	199
118305-001 4MB Module	325
Portable III	
107331-001 512K Kit	55
107332-001 2MB Kit	145

TOSHIBA PORTABLE MEMORY

T1200XE 2 MB CARD	$99
T1600 2 MB CARD	99
T3100SX 2 MB CARD	99
4 MB CARD	195
T3100e 2 MB CARD	99
T3200SX 2 MB CARD	99
4 MB CARD	195
T3200 3 MB CARD	199
T1000SE; XE 1 MB CARD	110
2 MB CARD	99
T5100 2 MB CARD	99
T5200; T8500 2 MB CARD	110

HP PERSONAL SYSTEM MEMORY

VECTRA 486 PC (must install in pairs)	
D2150A 1 MB Module	$75
D2152A 8 MB Module	450
VECTRA 386/25 PC	
D2381A 2 MB Module	150
D2152A 8 MB Module	475
VECTRA QS/20PC, RS/25PC; RS/20PC; QS/16S	
D1640A 1 MB Kit	65
D1642A 4 MB Kit	185
Apollo DN2500 1 MB Module	89
Apollo DN3010A; 3500; 3550; 4000; 4500	
2-8 MB Exp Brd	609

CANON MEMORY

FOR CANON LBP-4	
1 MB	$85
2 MB	99
FOR CANON LBP-8111	
1 MB	99
2 MB	125
3 MB	185
1 MB UPGRADE BRD LBP-8111	135
2 MB UPGRADE BRD LBP-8111	145

Terms and Conditions

1. AMT will meet or beat any advertised price.
2. Full five year warranty with all AMT upgrades.
3. Gov't, University, and qualified firms Purchase Order Accepted.
4. U.S. and International shipping via UPS, DHL and Federal Express.
5. All sales must include sales tax.
6. All sales must be C.O.D. cashier/certified checks.
7. There is a 15% restocking charge for all refused merchandise.
8. Prices subject to change without notice.

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"RT WORK HORSE"

386DX 40Mhz 64k Cache
4MB RAM 70ns
Baby AT w/230 Watts
1.2MB (5.25") Floppy Drive
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2h/2f/2s/1p/1g Controller Card
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Trident Super VGA Driver
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Other options or substitutions available.

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386-25Mhz
Only 5.6 Lbs.
11.7" x 8.2" x 1.9"
2MB RAM 70ns
120MB Hard Drive
1.44MB Floppy Drive
Serial, Parallel, Mouse Port
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640x480 vga, 32 Gray Scales
LCD Monitor
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A/C Adapter
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MS DOS 5.0
MS Windows 3.1

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2h/2f/2s/1p/1g Controller Card
14" Super VGA Monitor .28 dp
Trident Super VGA Driver
101 Keyboard
Serial Mouse
MS DOS 5.0
MS Windows 3.1

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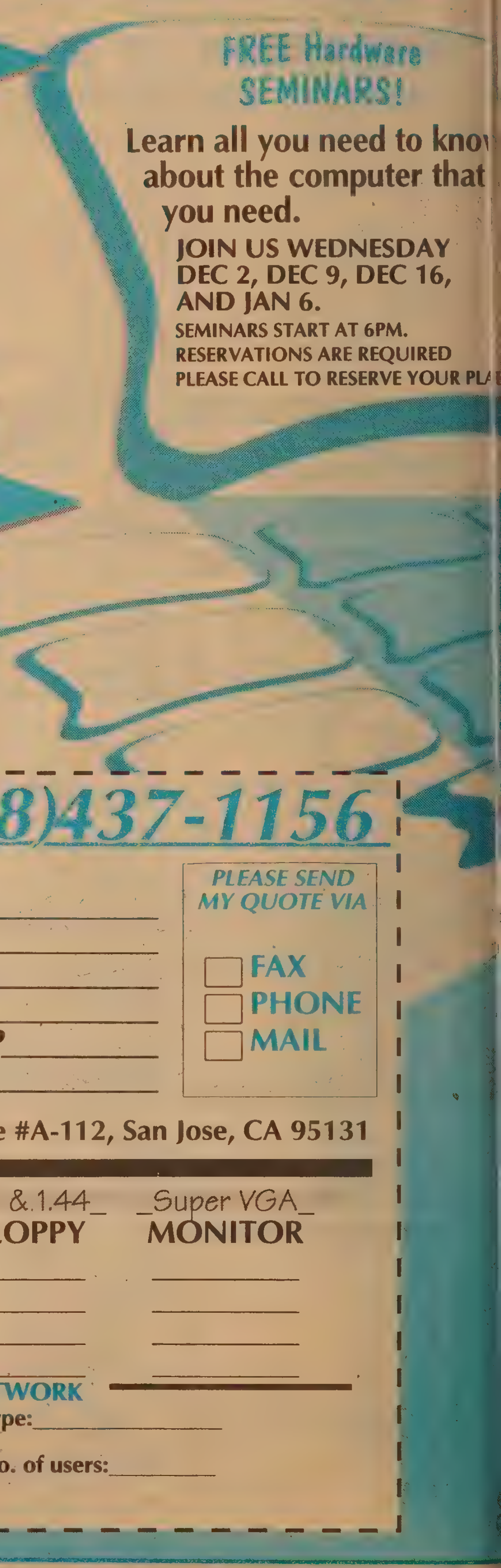

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	Qty.	CPU	SPEED	RAM	HARD DRIVE	FLOPPY	MONITOR
Example:	10	386	40	8MB	200	1.2 & 1.44	Super VGA

SOFTWARE

	BRAND	TITLE	Qty.
Example:	MS	WORD	2

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(Modems, CD-ROM, SoundBlaster, etc...)____________

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Type:__________
No. of users:__________

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486DX 33Mhz 64k Cache
4MB RAM 70ns
Mid Tower w/230 Watts
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2h/2f/2s/1p/1g Controller Card
14" Super VGA Monitor .28 dp
Trident Super VGA Driver
101 Keyboard
Serial Mouse
MS DOS 5.0
MS Windows 3.1

Other options or substitutions available.

$1650.00
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$56/ MONTH

"RT POWER TOWER"

486DX 50Mhz 256 Cache
4MB RAM 70ns
Full Tower w/250 Watts
1.2MB (5.25") Floppy Drive
1.44MB (3.5") Floppy Drive
200MB IDE Hard Drive
2h/2f/2s/1p/1g Controller Card
15" Super VGA Monitor .28dp
(Non Interlaced)
Orchid Pro Designer IIs Driver
w/1MB Ram
101 Keyboard
Serial Mouse
MS DOS 5.0
MS Windows 3.1

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Other options or substitutions available.

$77/ MONTH

"RT POWER TOWER II"

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EISA 256k Cache

8MB RAM 60ns
Full Tower w/250 Watts
540MB 32Bit SCSI Hard Drive
1MB Cache 32Bit SCSI
CONTROLLER
1.2MB (5.25") Floppy Drive
1.44MB (3.5") Floppy Drive

2S/1P/1G PORTS
15" NON-INT. SVGA Mon.
Orchid Pro2s 1 MB SVGA Driver
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3 Button Mouse
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MS Windows 3.1

$3895.00
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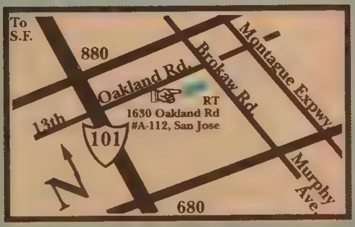

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SUPER SALE

486DX2-66/64K EISA	$1,708
486DX-50/64K EISA	$1,678
486DX2-50/64K EISA	$1,548
486DX-33/64K EISA	$1,498
486DX2-66/64K ISA	$1,568
486DX2-50/64K ISA	$1,418

- Motherboard w/CPU
- 4MB RAM 70NS
- 1.2MB and 1.44MB FDD
- IDE Controller w/2S/1P/1G
- 130MB 16MS Hard Drive
- 101-Key Enhanced Keyboard
- 1024•768 .28DPI 14" Color Mon.
- 512K SVGA Card
- Enhanced Case w/Power Supply

Options

256K Cache	Add $40
Non-Interlaced Monitor	Add $30
Viewsonic 6E Monitor	Add $75
1MB SVGA Card	Add $20
200MB Hard Drive	Add $90
340 MB Hard Drive	Add $330

SUPER SALE

486DX-50/64K ISA	$1,538
486DX-33/64K ISA	$1,248
486DX2-66 LOCAL BUS	$1,608
486-50/64K LOCAL BUS	$1,588
486DX2-50 LOCAL BUS	$1,548
486-33/64K LOCAL BUS	$1,388

- Motherboard with CPU
- 4MB RAM 70NS
- 1.2MB and 1.44MB FDD
- IDE Controller w/2S/1P/1G
- 130MB 16MS Hard Drive
- 101-Key Enhanced Keyboard
- 1024•768 .28DPI 14" Color Mon.
- 512K SVGA Card
- Enhanced Case w/Power Supply

Options

256K Cache	Add $40
Non-Interlaced Monitor	Add $30
1MB SVGA Card	Add $20
Local Bus ET4000(1MB)	+ $110
Local Bus S3 (1MB)	Add $210
200MB Hard Drive	Add $90

SUPER SALE

486SX-25/64K ISA	$998
386-40/64K CACHE	$914
386-33/64K CACHE	$908
386DX-25	$888
386SX-33	$808
386SX-25	$788

- Motherboard w/CPU
- 4MB RAM 70NS (2MB for 386SX)
- 1.2MB and 1.44MB FDD
- IDE Controller w/2S/1P/1G
- 80MB 16MS Hard Drive
- 101-Key Enhanced Keyboard
- 1024•768 .39DPI 14" Color Mon.
- 512K SVGA Card
- Enhanced Case w/Power Supply

Options

1MB SVGA Card	Add $20
.28DPI SVGA Monitor	Add $40
Viewsonic 6E Monitor	Add $115
40MB Hard Drive	Less $50
130MB Hard Drive	Add $50
200 MB Hard Drive	Add $140

NOTEBOOK COMPUTERS

486DX-33/4MB RAM/120MB HD
$2,498

386SL-25/2MB RAM/80MB HD
(256 COLORS, 6.7 LBS)
$2,448

386SX-25/4MB RAM/120MB HD
$1,598

386SX-25/4MB RAM/80MB HD
$1,428

386SX-25/2MB RAM/60MB HD
$1,248

Features

- 1.44MB Floppy Drive
- VGA 640x480 Resolution
- DOS 5.0
- Serial & Parallel Port
- Please Call for Details

TERMS AND CONDITIONS

1. One year parts and labor warranty on systems.
2. Knowledgeable technical support engineers in service.
3. Prices and availability subject to change w/o notice.
4. Shipping, insurance and COD charges are extra and non-refundable. Prices reflect cash discounts.
5. Return shipping must be insured, prepaid and bearing an RMA# on the shipping label.
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7. No responsible for typos.
8. All returns subject to 15% restocking fee and cover only Hi-Tech USA brand computers, excludes peripherals and software. No refunds after 30 days.
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SYSTEM	MB + CPU	BASIC SYSTEM	BASIC SYS +40MB HDD + 12" MONO & MGP CARD	BASIC SYS +80MB HDD + VGA CARD & MONITOR	BASIC SYS +80MB HDD + SVGA CARD & MONITOR	BASIC SYS +100MB HDD + SVGA CARD & MONITOR	BASIC SYS +120MB HDD + SVGA CARD & MONITOR	BASIC SYS W/4MB RAM 1.2 & 1.44 FDD +130MB HDD +SVGA CARD & MONITOR	BASIC SYS W/4MB RAM 1.2 & 1.44 FDD +170MB HDD +SVGA CARD & MONITOR	BASIC SYS W/4MB RAM 1.2 & 1.44 FDD +200MB HDD +SVGA CARD & MONITOR
486DX2-66/64C EISA	868	1,028	1,258	1,378	1,418	1,468	1,518	1,668	1,708	1,758
486DX-50/64C EISA	838	988	1,218	1,338	1,378	1,428	1,478	1,628	1,668	1,718
486DX2-50/64C EISA	698	868	1,098	1,218	1,258	1,308	1,358	1,508	1,548	1,598
486DX-33/64C EISA	638	778	1,008	1,128	1,168	1,218	1,268	1,418	1,458	1,508
486DX2-66C ISA	698	844	1,074	1,194	1,234	1,284	1,334	1,484	1,524	1,574
486DX-50C ISA	668	828	1,058	1,178	1,218	1,268	1,318	1,468	1,508	1,558
486DX2-50C ISA	538	698	928	1,048	1,088	1,138	1,188	1,338	1,378	1,428
486DX-33/64C ISA	388	518	748	868	908	958	1,008	1,158	1,198	1,248
486SX-25C ISA	208	364	594	714	754	804	854	1,004	1,044	1,094
386DX-40/64C	164	324	554	674	714	764	814	964	1,004	1,054
386DX-33/64C	152	312	542	662	702	752	802	952	992	1,042
386DX-25	132	294	524	644	684	734	784	934	974	1,024
386SX-33	96	260	490	610	650	700	750	900	940	990
386SX-25	88	248	478	598	638	688	738	888	928	978
386SX-16	78	242	472	592	632	682	732	882	922	972
**286-20	64	220	450	570	610	660	710	860	900	950

BASIC SYSTEM CONFIGURATION:
Motherboard & CPU, 1MB (512KB for 286 systems) memory installed, 1:1 2HD/2FD controller, 1.2MB or 1.44MB Floppy Drive
Internal Clock/Calendar, Enhance Case with Power Supply, and 101-Key Enhanced Keyboard

** Please call for 286-16 and 286-12 prices.

VIDEO OPTIONS

12" Mono monitor w/MGP card	$88
14" Mono monitor w/MGP card	98
14" VGA Mono Monitor	108
14" VGA monitor w/16-bit VGA card	208
14" SVGA monitor with 512k card	248
VGA-256K (800•600, 16-Bit)	26
VGA-512K (1024•768, 16-Bit)	36
1M SVGA card (1024•768•256)	54
Diamond Speed Star 24X w/ Hi-Color	156
Diamond Stealth VRAM	202
Orchid IIs w/ 1MB (w/SYS)	112
Orchid IIs/Hi-Color (w/SYS)	120
Orchid Fahrenheit 16-Bit (w/SYS)	180
Orchid Fahrenheit 24-Bit (w/SYS)	192
ATI Graphic Vantage w/Mouse	204
ATI Graphic Ultra w/ Mouse	264
Nanao 9080i (16", 1280•1024, 0.28)	894
Nanao F550i (17", 1280•1024, 0.28)	1,024
Nanao F560i (17", 1280•1024, 0.26)	1,764
NEC 3FGX (15", 1024•768, 0.28)	620
NEC 4FG (15", 1024•768, 0.28)	730
MAG 15F (15", 1280•1024, 0.28)	572
MAG 17F (17", 1280•1024, 0.26)	1,112
Sony CPD 1304S	540
Sony CPD 1604S	948
HITACHI CM-2085M+ (20")	1,338
HITACHI CM-2187M (21")	2,288
TOSHIBA P17CS01 (17")	1,158
TOSHIBA P21CR00 (21")	1,798
Standard VGA (640•480) Monitor 0.51	182
Super VGA (1024•768) Monitor 0.39	212
Super VGA (1024•768) Monitor 0.28	252
Super VGA Non-Interlaced Monitor 0.28	282
Viewsoic 4E	284
Viewsoic 5E	384
Viewsoic 5+	484
Viewsonic 6E	324
Viewsonic 6FS	584
Viewsonic 7	964
Viewsonic 8	1,514

HARD / FLOPPY DRIVE ADAPTERS

IDE 2FD/2HD w/512K Cache	$144
IDE 2FD/2HD with 2S/1P/1G	15
MFM 2FD/2HD	35
Ultrastor ESDI w/32K Cache (ISA)	154
Adaptec SCSI 1542KB w/Kit (ISA)	240
Bustek SCSI (EISA)	288
Ultrastor SCSI 24F (EISA)	440
Ultrastor ESDI 22F (EISA)	440

PRINTERS

Citizen 200GX (9-Pin)	$158
Citizen GSX-230 (24-Pin) Quiet	258
Citizen GSX-240 (24-Pin) Quiet	328
Citizen GSX-145 (24-Pin)	388
Color Option for Citizen Printer	48 / 68
Panasonic KX-P1180	158
Panasonic KX-P1123	208
Panasonic KX-P1124 i	288
Panasonic KX-P1624	364

KEYBOARDS

101 Enhanced Keyboard	$20
Maxiswitch / Keytronics	30 / 34
Focus 2001 / 9000	38 / 88
Omnikey 101	66
Omnikey 102	66
Omnikey Ultra	89

MATH COPROCESSORS

Intel 80287-10	$44
Intel 387SX-25 / 20 / 16	88
Intel 387DX-33 / 25 /20 / 16	90
CYRIX 387DX-40 / 33	98 / 82
CYRIX 387SX-25 / 16	80 / 74

NEW HARD DRIVES

40mb/28ms or 52mb/19ms (IDE)	$144 / 154
80mb/18ms or 100mb/18ms (IDE)	184 / 224
120mb/16ms (IDE)	254
130mb/16ms (IDE)	258
170mb/16ms (IDE)	288
200mb/16ms or 240mb/15ms (IDE)	342 / 442
200mb/16ms (SCSI)	448
340mb/15ms (IDE)	568
676mb/16ms (SCSI)	1,068

MISCELLANEOUS

Windows 3.1 with Mouse (with system)	$48
Windows 3.1 (with system)	38
Internal Modem 2400 Baud	34
Fax Modem (9600 Fax, 2400 Modem)	53
Fax Modem (9600 Fax, 9600 Modem)	186
Fax Modem (9600 Fax, 14,400 Modem)	226
3-button Mouse	13
Logitech Mouseman Serial/Bus	61/61
Colorado Tape Backup 120mb	176
Colorado Tape Backup 250mb	228
ATI Sound Card Pro	94
SONY CD-ROM CDU535 / 541	308 / 414
16-Bit Ethernet Card COAX/10Base-T	71

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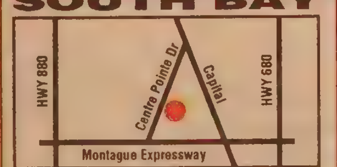

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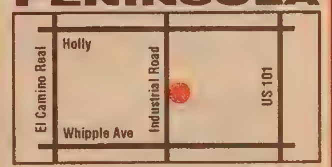

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Networking Direct Corporation *South San Francisco*
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Keep It Simple Computer Center *Milpitas*
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LAN Solutions *Burlingame*
Sales, Support
SF Micro, Inc. *San Francisco*
Sales, Support

Addtech Research Inc.

CBI *Fremont*
Sales

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McTek Systems, Inc. *Berkeley*
Sales, Service, Training, Support

Adobe

DeskTop Solutions *Berkeley*
Sales, Service, Training, Support
MicroWorld *Berkeley*
Sales, Training, Support

Agfa Matrix

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Training

Alps

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Keep It Simple Computer Center *Milpitas*
Sales, Service, Training, Support

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Memory Source Int'l. *San Jose*
Systems Unlimited *Walnut Creek*
Sales, Service, Support

Amiga

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HT Electronic *Sunnyvale*
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Visionsoft Computer *Seaside*
Sales, Service, Training, Support
Winners Circle *Berkeley*
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Apple

CADesign, etc. (VAR) *Redwood City*
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California Computer Options *Berkeley*
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California Computer Options *Oakland*
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Canyon Consultants *Santa Cruz*
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ComputerLand of Fremont *Fremont*
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- Come to Roger Willis Computers & experience Reliability, Service & Support the first time! And, if you want to upgrade, plug into our 24 Hr. Turnaround Service!

Roger's Monthly Specials

Intel 486DX-50 MHz	$1484
Intel 486DX2-50 MHz	$1364

Configuration includes

- Built-in Math Co-Processor
- 1 MB Ram 70ns Expandable to 32 MB
- 80 MB IDE Hard Drive 18ms with 32K Cache
- TEAC 1.2 MB or 1.44 MB Floppy
- Super VGA Monitor & SVGA 16-Bit Video Card
- 1:1 Interleaved 2HD/2FD Controller
- 2 Serial, 1 Parallel & 1 Game Ports
- 101 Enhanced Keyboard
- 230W Power Supply and Vertical Case

MOTHERBOARDS

286-16 MHz	$CALL
386-SX 20 MHz	CALL
386-DX 25 MHz	CALL
386-DX 33 MHz w/64 cache	CALL
386-DX 40 MHz w/64 cache	CALL
486-DX 25 MHz w/128 cache	CALL
486-DX 33 MHz w/128 cache	CALL

HARD DRIVES

CONNER, MAXTOR, SEAGATE

40 MB IDE	$CALL
80 MB IDE	CALL
120 MB IDE	CALL
200 MB IDE	CALL

MONITORS

Super VGA Monitor Hyundai Interlaced	$CALL
Orchid Prodesigner II w/1M Impression plus non interlaced	CALL
VGA card w/256K	CALL
VGA card w/512K	CALL
VGA card w/1 MB	CALL

MISCELLANEOUS

1.2 MB Floppy	$CALL
1.44 MB Floppy	CALL
AT I/O Ports	CALL
IDE Controller	CALL
Tape Backup Colorado 120	CALL
2400 Baud Modem	CALL
96/24 Baud Fax Modem	CALL
Mini Tower Case	CALL
Middle Tower Case	CALL
Full Tower Case	CALL

$1130 486DX-33MHz Intel 486DX-33 MHz System

☐ Built-in Math Co-Processor Socket
☐ 1 MB Ram 70ns Expandable to 32 MB
☐ 80 MB IDE Hard Drive 18ms with 32K Cache
☐ TEAC 1.2 MB or 1.44 MB Floppy
☐ Super VGA Monitor & SVGA 16-Bit Video Card
☐ 1:1 Interleaved 2HD/2FD Controller
☐ 2 Serial, 1 Parallel & 1 Game Ports
☐ 101 Enhanced Keyboard
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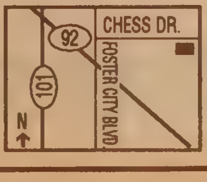

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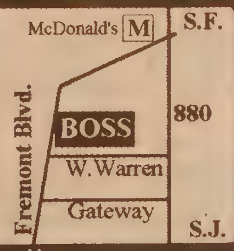

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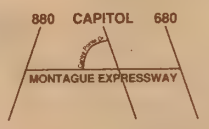

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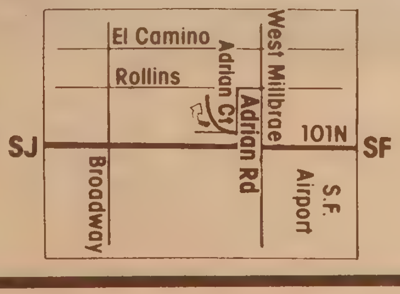

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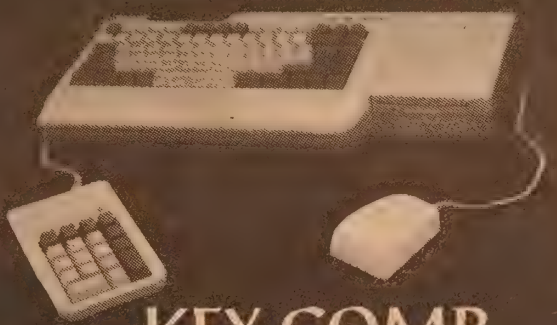

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386SXL-25MHz
4MB RAM
80MB HDD
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- AMI Bios
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- 85MB HDD
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- MS-Windows 3.1
- 3 Button Mouse

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• 14" SVGA Interlaced	$260
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386SXC-16	$880	$965	$1040	$1320	$1410
386SXC-20	$950	$1020	$1100	$1390	$1475
386DXC-33	$1170	$1220	$1300	$1580	$1670
486DXC-33	$1700	$1820	$1900	$2210	$2300

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- Passive Backplane Boards
- CPU Board w/ Processor
- Air Cooling Fan Subsystem
- 1:1 2HD/FD Controller Card
- 2MB Memory up to 32MB
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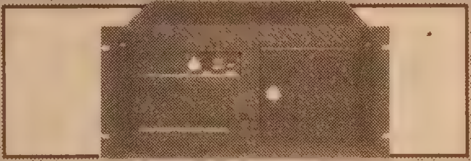
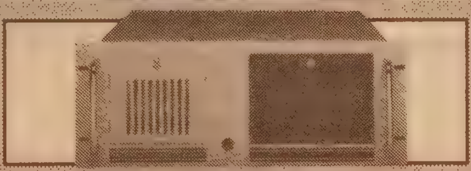
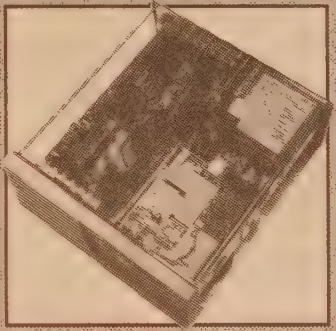
- 250W Power Supply
- 2S/1P I/O Card
- Custom Configuration is Available







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BASIC SYSTEM	
286C-12	$375
386SXC-16	$480
386SXC-20	$540
386DXC-33	$640
436DXC-33	$1215

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- Single CPU Board & CPU
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- TEAC 1.2MB or 1.44MB FD
- 101 Enhanced Keyboard
- Baby AT Case w/200W P.S.

Custom Configuration Available

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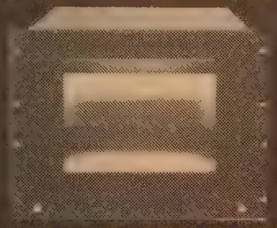

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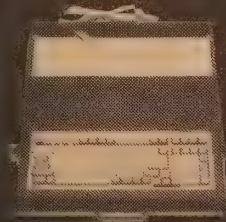
19" RACKMOUNT KEYBOARD



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8 SLOT	$35
12 SLOT	$89
14 SLOT	$150
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- Special slot configuration available

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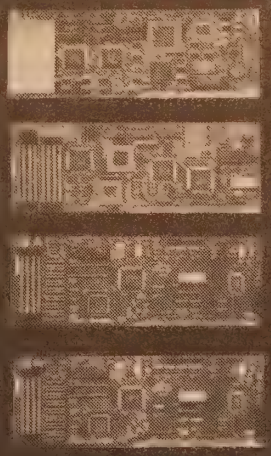

286C-12 w/CPU	$150
386SXC-16 w/CPU	$230
386SXC-20 w/CPU	$280
386DXC-33 w/CPU	$450
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- Maxi-Switch 101 Enhanced Keyboard
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- Mid Tower case with 2 Fans
- DOS 5.0, WINDOWS 3.1 & Mouse

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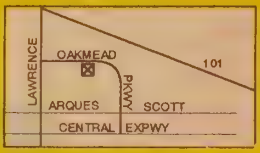

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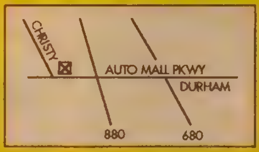

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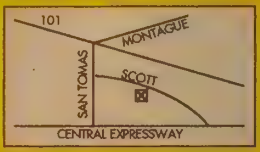

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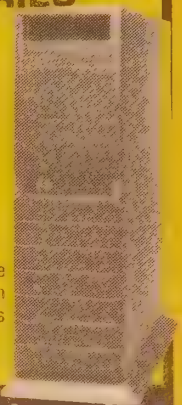

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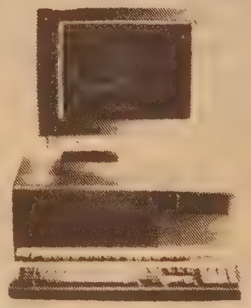

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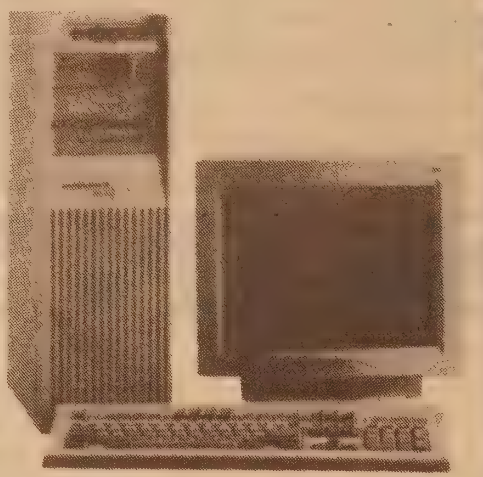

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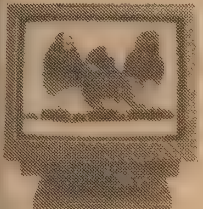

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Maxtor	7213A	213 MB	15 ms	1 year	399
Maxtor	LXT-340A	340 MB	15 ms	1 year	699
Fujitsu	M2622T	330 MB	12ms	5 year	799
Fujitsu	**M2623T**	**420 MB**	**12 ms**	**5 year**	**959**
Fujitsu	M2624T	520 MB	12 ms	5 year	1089
	SCSI hard drive				
Maxtor	LXT-213SY	213 MB	14.5 ms	1 year	549
Maxtor	LXT-7080SR	80 MB	17 ms	1 year	279
Maxtor	LXT-340SYS	360 MB	15 ms	1 year	789
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KX-P2123	24 pin	240 cps	80 col quiet	239
KX-P2124	24 pin	320cps	80 col quiet............	349
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KX-P1624	24 pin	240cps	132 col	349
KX-P2624	24 pin	300 cps	136col	379
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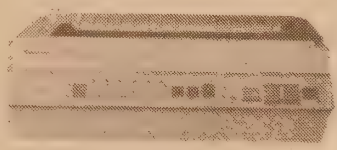

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LQ-2550	24 pin	400 cps	136col	899
FX-850	9 pin	264 cps	80col	309
FX-1050	9 pin	264 cps	132col	419
EPL-7500	Laser **PS**	6 PPM	2MB	1979
EPL-8000	Laser	10PPM	13 Scalable fonts	1349

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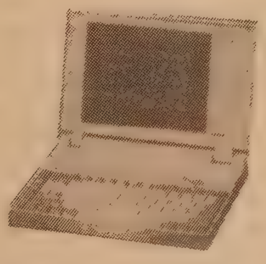

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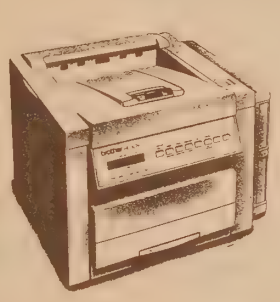

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	Brother	HP LaserJet III
Page Per minute	10	8
Scalable fonts	12	8
Bitmapped fonts	24	14
Universal Tray	Yes	No
Gray Scales	64	8
Auto-Interface	Standard	No
Aotu-Emulation	Standard	No

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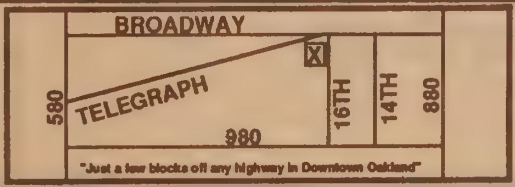

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KX-P2180 KX-P2624

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The MicroTimes Writers' Soapbox Awards For 1992

The Best (And Worst) Of The Past Year, As Seen From Extremely Varied Perspectives And Discussed At Extremely Varied Length...

MARY EISENHART

Well, about this time every year I point out my utter dependency on Claris's MacWrite II and FileMaker Pro, Software Ventures' MicroPhone, and WordWrapper (Open Designs, 415/929-1425). And it's all still true—MacWrite is showing its age a bit, but there's a new version due Real Soon Now; FileMaker came out with a spiffy new version this year; MicroPhone's new versions are praised elsewhere in this survey; and Word Wrapper still saves me a lot of time stripping those linefeeds from text files.

Also, that PowerBook 170 I liked so much last year? Well, I've still got it, Fremont serial number and all. Apple may have discontinued the 170 in favor of newer models, but I'll probably be clutching Little Fremont here when they cart me off to the Old Editors' Home. It'll probably have a bigger hard disk in it by then though...

But this year I've discovered some other products that are surpassingly cool, incredibly useful, or otherwise worthy of special mention, so here they are.

STAR TREK: THE SCREEN SAVER

This just arrived the other day, and since its gorgeous color graphics would be wasted on a PowerBook, we installed it on the IIfx in the art department.

Very little work seems to be getting done on the IIfx the last few days because we keep standing in front of it watching the infinitely varied mini-movies.

Veteran Trekkies will get a big kick out of all the authentic sound and video from OST episodes, from Spock's doleful "Most illogical..." to a screenful of Tribbles. But even if you've somehow missed the various sagas of the Enterprise up to this point, this screen saver from the folks who brought you Flying Toasters will help you go where No Mac Has Gone Before... (Berkeley Systems, 510/540-5535)

ACCESS PC

If your Mac has a SuperDrive and you need to handle DOS files or DOS-formatted disks, this product (from the makers of SoftPC and its various cousins) will improve your quality of life enormously. No more "Ack! This is not a Mac disk! Now what?" error messages—just a nice disk icon on your desktop and your files displayed the way Andy Hertzfeld intended. It also lets you format DOS disks and transparently perform a myriad of little inter-environment functions as you go through your work life. I like SoftAT also, but Access PC is the latest thing I can't live without. (Insignia Solutions, 1-800-844-7677)

POWERMODEM

Early in my PowerBook's life, its Apple faxmodem (which, among its other deficiencies, didn't receive faxes) was replaced by this little 2400 data/9600 fax modem. It's performed flawlessly for about a year now. Highly recommended. (PSI Integration, 1-800-622-1722)

MACINTAX

If you can get by with 1040EZ, you probably don't need this. It's a big program, and all its worksheets take up a lot of disk space, and nobody likes doing their taxes anyway. But if you have even minor complications in your tax return (e.g. itemized deductions or free-lance income) this package eliminates most of the pain and suffering, to say nothing of miscalculations and omissions. If you get the state package as well as the federal, your state return will practically do itself. (ChipSoft, 619/453-8722)

AMIX (AMERICAN INFORMATION EXCHANGE)

In eight years of Mac use, this is the first year I've encountered DOS-based products I really wanted to use. One of them is AMIX, subtitled The Information Marketplace. Part online service, part software, part Long Overdue Idea, AMIX offers a virtual home for the buying and selling of any information that can be digitized, from books to software, as well as an exchange medium for service contracting, negotiation, etc.

Since it opened for business earlier this year, AMIX has had a somewhat bumpy shakedown cruise as the complex software revealed interesting and unexpected personality traits, the company lost its main investor (Autodesk), and hordes of would-be customers wailed "Where's the Mac version?"

Well, the latest word is that the long-awaited Mac version will be unveiled at Macworld in January, thereby relieving the support staff of the burden of dealing with those of us trying to make SoftAT and a PowerBook do things their designers never intended...(AMIX, 415/903-1000)

POWER JAPANESE

This is a Windows package, so not even the most pigheaded among us can run it under SoftAT on a PowerBook. (However, hope springs eternal—Insignia's coming out with SoftPC Windows, and believe me, this is the first package I'm going to try to run...)

There are many software packages for Macintosh that help you learn Japanese, but nearly all of them are of the drill-and-flashcard variety; they'll help you learn vocabulary, they'll help you recognize (and sometimes write) the kanji and kana, but they are best used as supplements to classes and workbooks.

Power Japanese, on the other hand, is a full-featured, self-contained multimedia (sound, animations, graphics) instructional program. It's the only one I've seen, for instance, that makes you write sentences in Japanese. It has far more depth, complexity, and interactivity than anything I've seen on the Macintosh.

I keep hoping that its creators, BayWare, will port it to Macintosh, but there are no immediate prospects for that. (BayWare, 415/312-0980)

RICH GRACE

BEST NEW DTP RELEASE:

FRAMEMAKER 3.0

This program is a tech writer's dream, and excellent in its first Windows release. Not only is it available on almost every conceivable platform, but its depth of text manipulation features, and level of sophistication in handling long documents, are presently unsurpassed. It's also speedy and stable. A deep, difficult program, but for professional use it's a solid choice.

BEST NEW HARDWARE:

THE CYRIX 486SLC AND 486DLC MICROPROCESSORS

In the second half of this year, Cyrix released the 486SLC (a 386SX-style chip) and the 486DLC (a high-performance replacement for the 386). For my money, the SLC-25 makes all 386SX chips hopelessly obsolete. It comfortably matches a 386-40 in almost all tests. (A 33MHz chip is in the works.) The 486DLC is a technical marvel. You can almost literally swap this chip with a regular 386, and receive nearly double the raw performance. In Windows graphics applications, the 486DLC-33 closely matches the Intel 486-33 with comparable hardware. The chip is available in 33MHz and 40MHz speeds. While skipping the technical details, I have no hesitation in calling these chips the Best Product of the year.

WORST HARDWARE RELEASE OF THE YEAR:

THE MACINTOSH PERFORMA SERIES

Apple's misguided Performa Macintosh series sets a new low for product redundancy and cynical manipulation of the consumer market. In particular, the Performa 200 and 400 are simply Mac Classic II and Mac LC II CPUs dressed up with a new label and a higher price tag! Furthermore, the Performa 600 runs a cool $2500! This is giving the consumer a break? Underpowered and overpriced—standard fare from Apple.

WORST SOFTWARE RELEASE OF THE YEAR:

VENTURA PUBLISHER 4.1 FOR WINDOWS

I really regret having to say this, but Ventura's new dressed-up desktop publishing release is a disaster. Equipped with a snazzy new button bar and greater flexibility in finding and using features, the new Windows-friendly interface omits basic features like stable operation (it barfs every time I run it on an 8MB 486-33) and reasonable start-up time (requiring over two minutes). I hope Ventura releases a maintenance fix *fast*. Right now, this program is a real mess.

ED KAHN

SOFTWARE:

ADDRESSMATE

Finally, the dream has come true (if you have an HP LaserJet or compatible printer). You can now print your letters, feed in an envelope, and like magic, it will print with your return address and bar codes. No muss, no fuss, no buttons to push. Virtually transparent, but you can still have lots of control to print labels and the like. (AddressMate Software, 6715 Canyon Trail, El Cerrito, CA 95430-1705. 510/237-7460. $99.95)

FILERUNNER

Another figment of my imagination has been materialized by someone who's given me more than I asked for. Now, moving files between my desktop and laptop is as simple as putting a floppy disk into my machine when I leave the office, invoking Runner and pressing "F10." When I get to my second machine, I simply insert the disk, invoke Runner and hit "F10" again. Now my two computers are identical. No cables or fancy commands to remember. (MBS Technologies, Inc., 34 W. Sycamore, Arcadia, CA 91006. 1-800-860-8700. $99.95)

INFO SELECT

This memory resident program is accessible from inside any other program and lets you enter random bits of information into notes. When you want the information back, you can get it by remembering any word in the note. The program will also dial a phone number found in a note. You can keep a running log on a project by reentering a note and adding to it. One of the programs I can't be without. (Micro Logic, P.O. Box 70, Hackensack, NJ 07602. 1-800-342-5930)

WINDOWS 3.1

This product is revolutionizing the computer business to the point that it can no longer be ignored. Finally, most of my favorite software products are coming out in Windows versions and lots of new software is appearing exclusively in this format. This is clearly the interface for the foreseeable future.

QUICKEN 6.0

This is rapidly becoming the financial software for everyone who has a checking account or credit card. It writes my checks, balances my account, and keeps all kinds of financial records in order for end-of-the-year accounting. Intuit keeps improving the product. This newest version links to a credit card; it will present its bill either by modem or disk and separate your expenses into Quicken categories for you. Pretty nifty. (Intuit, P.O. Box 3014, Menlo Park, CA 94026. 1-800-624-8742. $69.95)

HARDWARE:

THE HEWLETT-PACKARD 95LX

Although this palmtop is not really a 1992 product, I select it as a product of the year because HP continues to improve it, and because so many support products are coming to market. This year they introduced a 1MB version ($799). The 512K model ($550) is still available and can be upgraded for $200. I questioned whether I would get enough use out of this machine to justify its steep price, but I find I use it every day. It has capabilities far beyond what you'd expect from a machine of this size. (Hewlett-Packard, 1000 N.E. Circle Blvd., Corvallis, OR 97330. 1-800-443-1254)

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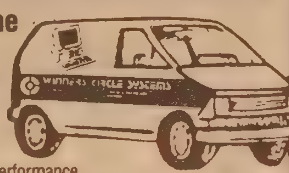

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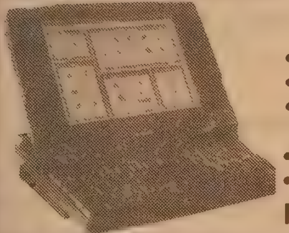

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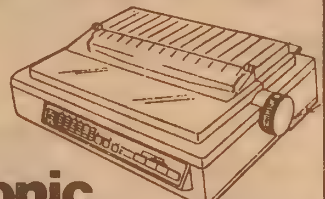

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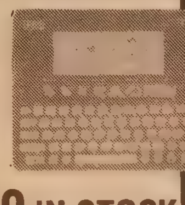

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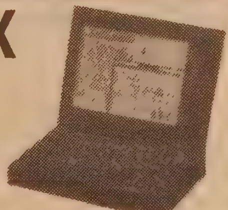

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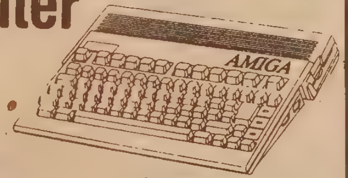

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ties on the drives they have. This unit has both a 3.5" and a 5.25" drive. The drive will accept all capacities from single density up to ultra high-density, regardless of whether your computer is designed to accept these sizes or capacities. The unit attaches through the parallel port. (Pacific Rim Systems, Inc., 2655 Barrington Ct., Hayward, CA 94545. 1-800-PAC-RIM1. $449)

HEWLETT-PACKARD DESKJET PORTABLE

This product is brand new and I have not had a chance to adequately test it out; nevertheless, I am choosing it as a product of the year because I have never been disappointed by an HP printer, and this fills a big gap. At last, a 4 lb. portable printer with laser quality. It has more fonts than a standard DeskJet. Carrying case ($99), cut sheet feeder ($99), and rechargeable batteries ($49) are available. (Hewlett-Packard Company, Direct Marketing Organization, P.O. Box 58059, MS511L-SJ, Santa Clara, CA 95051-8059. 1-800-752-0900. $599)

> "I have never been disappointed by an HP printer, and this fills a big gap. At last, a 4 lb. portable printer with laser quality."

SMART LABEL PRINTER PLUS

Seiko introduced the original Smart Label Printer a few years ago. The new version comes with much improved software that's available for Windows, DOS, and Mac platforms. If you've put off getting this gadget, now may be the time. I love mine for labeling packages as well as video tapes, file folders, floppy disks, and a hundred uses that I never imagined. (Seiko Instruments USA, Inc., 1130 Ringwood Ct., San Jose, CA 95131. 408/922-5900. $249.95)

PCMCIA

This hardly qualifies as a hardware product, but it's certainly bound to have an impact on all kinds of hardware. This is the standard that allows all kinds of devices, from memory cards to modems, to fit into the wafer-thin slots that are now appearing on palmtops, laptops, and desktop machines. The number of PCMCIA devices is still small, but this interface may well revolutionize the way our computers look and work as more and more products appear that conform to the PCMCIA standard, type II.

WOODY LISWOOD

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AMIPRO 3.0

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WINDOWS 3.1

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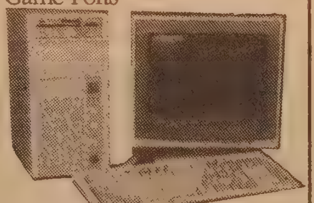

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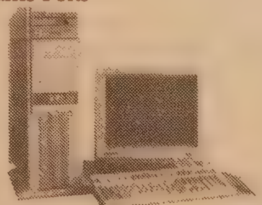

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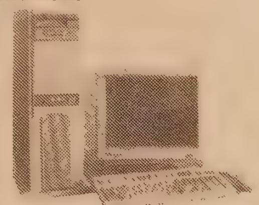

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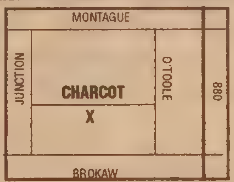

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The MicroTimes Writers' Soapbox Awards For 1992

BACKIT FOR WINDOWS

My favorite backup program, moved to Windows.

DAVID MORGENSTERN

Has another year gone by? Unbelievable! My time sense is running at a RISCy clip. It seems that only yesterday I was writing my latest BMUG column. Surprise—I was!

It is a great privilege to write under the BMUG banner. The helping and giving that flows daily from our staff and volunteers is an awesome reminder of the original spirit of computing. We're all doing our part to help users with their silicon buddies. I thank *MicroTimes*, Mary Eisenhart, and especially all the readers that have supported the BMUG column. May you and your data remain safe and healthy in the coming year.

> "If you've spent thousands of dollars for a hard drive bigger than the Grand Canyon, you don't want a crummy two-buck cable to bus your precious data."

Here are my picks for hardware and software honors. I guarantee that you will find them eccentric! They are practical items that will help keep you computing and productive. They're not the sexiest choices, but if that's a requirement you'd do better with a Victoria's Secret catalog.

I also stayed away from any recommendations of particular Macintosh models. The best place for that information is the newly revised edition of our informational pamphlet, *Which Macintosh Should I Buy?: BMUG's Guide to Buying an Apple Macintosh Computer.* You follow Dawanda, Maya, and a cast of hundreds through the decision process of selecting their computers. It's available through the BMUG office.

DAVID'S TOP FIVE HARDWARE PRODUCTS

BERKELEY DATA ACCESS SCSI CABLES

If you've spent thousands of dollars for a hard drive bigger than the Grand Canyon, you don't want a crummy two-buck cable to bus your precious data. Steve at B.D.A. can talk SCSI cables all day, and his are the best! This is a small, wholesale kind of operation, so you have to order cables a couple at a time; four at a time will get you the best price break. (Berkeley Data Access, 2560 Bancroft Way, #3, Berkeley, CA 94704. 510/644-2396)

COMMONSENSE CNX

This product is an amazing sense and control node, useful in scientific data acquisition, or around the house—no kidding! You can connect any kind of sensor, or combination of sensors, and control or collect data over an AppleTalk network. Using PhoneNet connectors, and remote software, you can control your home security system from work. (Radiant Enterprises, Inc., 1714 Stockton St., San Francisco, CA 94133. 415/296-8040, fax: 415/362-3528)

THE MACINTOSH WOMAN

Scott Kronick, longtime BMUGer, has always been know for his entertaining writing and tremendous wit. Scott's latest opus is *The Macintosh Woman,* a novel. It's really four stories, written over a span of a dozen years, that follow the inner lives of a few friends, with a side fugue into a science fiction movie. The book is not a linear narrative, but rather jumps around like hypertext, speaking in different voices and thoughts. *The Macintosh Woman* is $14 (postage included) from Kronick, 1442A Walnut St., Ste. 278, Berkeley, CA 94709.

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In six years, we have taught thousands of business professionals the ins and outs of a variety of software programs. ***However, only a limited number of memberships are available for sale each month***. So call us today at (800) 999-9654 for more information, and start learning with the PC or Macintosh Horizon Club.

The PC Horizon Club

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tor, they will pay for any and all repairs. (Panamax, 150 Mitchell Blvd., San Rafael, CA 94903-2057. 1-800-472-5555; fax: 415/472-5540)

VERSAGRIP

The VersaGRIP system by Q-Safety is an impressive set of simple devices to hold your computer, or any other electronic equipment, down on the desktop during an earthquake. The braces are various flavors of molded nylon automobile industry Velcro fasteners. (Q-Safety, 2341 East Foothill Blvd., Pasadena, CA 91107. 818/449-1590; fax 818/449-6866)

DAVID'S TOP FIVE SOFTWARE PRODUCTS

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If you've gone out and bought one of the nifty fast CD-ROM players, you'll want something good to play on it. These are solid gold hits and useful to boot. A bargain at only $50 each. (BMUG, 1442A Walnut St., #62, Berkeley, CA 94709-1496. 510/549-BMUG; fax 510/849-9026)

THE BMUG TIE-DYED T-SHIRT

I know, it's a soft-wear product—so sue me! This beautiful bright rainbow shirt, with "BMUG" on the front, and "The BMUG T-Shirt, tie-dyed in Berkeley by Deadheads" on the back, is a winner in any crowd—hard rock and hardware. Only $15.

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MACINDEX

If you're responsible for providing Macintosh information to others, you'll find MacIndex extremely useful. It indexes all the articles in *MacUser*, *MacWEEK*, and *Macworld* magazines. Every month, you get the data in either EndNote, FileMaker Pro, or HyperCard formats. Subscription is $120/year, only $10 per month. (Graphic Technology Research, 103 East Ferry St., Berrien Springs, MI 49103. 616/473-5000)

MICROPHONE II, V4.0X

This was the most powerful telecommunications program for the Macintosh, until its even more powerful sibling, MicroPhone Pro hit the streets recently. It can make the nastiest interfaces and difficult online tasks friendly. (Software Ventures Corp., 2907 Claremont Ave., Berkeley, CA 94705, 1-800-336-6477; fax 510/848-0885)

MICHAEL ROBIN

1992 was the year I finally converted my Macs—at home and at work—to System 7. After much reluctance—and an accelerator board—I switched, and now wonder why it took me so long.

I added a 25MHz 030 processor for my (increasingly ancient) SE. The board solved the processing speed dilemma, but memory constraints remained. The SE is limited to 4MB of physical RAM. At least it was until **Connectix** provided a software solution with **Virtual Software**. With the **Mobius 030** system and Page Memory Management Unit (PMMU), Virtual lets my SE use the virtual memory feature of System 7. (And you will certainly need this capability as applications grow to fill the amount of memory available.)

With enough speed and memory, System 7 becomes almost indispensable.

The one other new application that I've found myself turning to is **Retrieve It!** (MVP Software, 415/599-2704). This text retrieval desk accessory finds files, and text within files, quickly and easily.

In addition to all the new hardware and software, computer-related book publishers were busy this year. My favorites include:

THE MACINTOSH BIBLE, FOURTH EDITION

By Arthur Naiman, Nancy E. Dunn, Susan McCallister, John Kadyk, *Peachpit Press*

Since the first edition, *The Macintosh Bible* has been a required book for all Mac users, particularly new users. Arthur Naiman has created one of the few computer books that is both informative and readable. As *The Mac Bible* has grown (it's currently just over 1200 pages), Naiman, along with "Nancy E. Dunn, Susan McCallister, John Kadyk, and a cast of thousands," continues to maintain a high level of quality.

ECOLINKING: EVERYONE'S GUIDE TO ONLINE ENVIRONMENTAL INFORMATION

By Don Ritter, *Peachpit Press*

The growth of telecommunications is accelerating, and there is an increasing market for books aimed at specific groups as well as a general computer user audience. Although this book is focused for a specific audience—environmental activists—much of the information Ritter discusses is useful for a general telecommunications user. It is well written and organized, and clearly presents a number of important points.

However, it isn't really a guide for everyone. Experienced activists entering the age of computers and telecommunications will find sections of this new and necessary information confusing, and some of the information not particularly important. However, activists who understand networks, BBSes, and the variety of online services will find this book helpful for drawing a better understanding of the big picture, and may well be motivated to further utilize these resources in their work.

CYBERARTS: EXPLORING ART & TECHNOLOGY

Edited by Linda Jacobson, *Miller Freeman, Inc.*

Not exactly a computer book—very interesting and challenging.

Building on her work as one of the organizers of the first and second CyberArts International Conference and Exhibition, Linda Jacobson has edited a book that's more than yet another coffee table book about the conference. Rather the book, with articles by many of the artists/participants, explores the issues and work being done in the art and technology field called CyberArts.

REAL STORY SERIES

Odonian Press

With *The Macintosh Bible* and other Mac Bible titles being published and distributed by Peachpit Press, this group of editors has embarked on a new publishing venture—The Real Story Series. This series, published by Odonian Press, currently offers four titles, continuing Arthur Naiman's standards for presenting ciritcal information in an accessible and compelling format.

These books are predominately about this country, with the notable exception of an excellent book on Burma (*Burma: The Next Killing Fields?* by Alan Clements). They range from a collection of several essays by Gore Vidal to a look at *Who Killed JFK?* by Carl Oglesby. These books are short (less than 100 pages) inexpensive ($5), and continue *The Macintosh Bible*'s tradition of making complex subjects interesting and readable. (Odonian Press, 1-800-365-3453)

THE MAN WHO KNEW INFINITY: A LIFE OF THE GENIUS RAMANUJAN

By Robert Kanigel, *Scribners*

This book tells the fascinating story of Ramanujan, a self-taught genius theoretical mathematician who died in 1920. Although he never completed his university studies in colonial India, he went on to study with G.H. Hardy at Trinity College in England.

There are many reasons to find this book interesting. Ramanujan's single-minded dedication to theoretical mathematics transformed his science into an art form. The book is a fascinating story of a seminal mathematician, but also a story about the British scientific community in the early twentieth century, as well as a view of social and cultural life in Britain and colonial India during this time.

Ramanujan's work is also related to computers. For instance, the author points out that "Ramanujan's work would provide the basis for the fastest-known algorithm, or step-by-step method, for determining pi by computer."

JIM WARREN

BACKGROUND & BIASES DECLARED

I've become a Mac zealot—driven to that minority platform by its powerful productivity tools and mature, palatable user interface, uniform across most applications. Easy to learn; easy to use.

Before that were several PC years. I still have two DOS/Windows ma-

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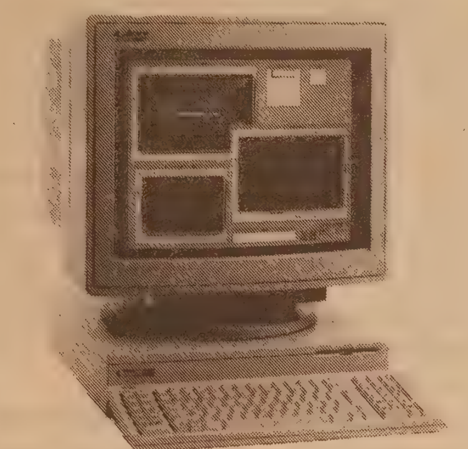

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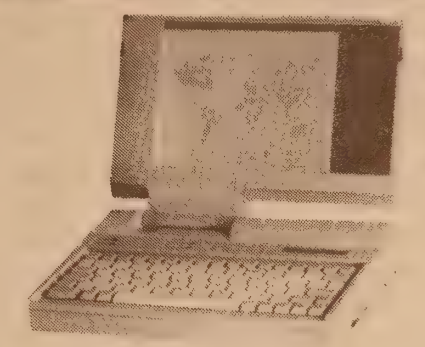

386SX-25/386SL-25 MHz with 4/8MB RAM, 1.44 MB FD, 60/80/120 MB HD	**$BEST**
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NE-2000 Compatible 16-bit Ethernet Card (Coax/10 BaseT)	76/80
Arcnet 8-Port Hub	120
10 BaseT 8 Port Hub	250
10 BaseT 12 Port Intelligent Hub	625
SMC (Western Digital) 8-bit Ethernet Card (Coax/10BaseT)	130/175
SMC (Western Digital) 16-bit Ethernet Card (Coax/10BaseT)	160/190
WD8003E/WD8013E Compatible (8-bit/16-bit)	85/95
Pocket LAN Card	195
3 Com 3C503 Ethernet II	170
Token Ring Adapter 16/4 Mbs	425
8 Port Token Ring STP/UTP/MAU	345
8 Port Intelligent Multi-User Card (RS232)	299
16 Port Intelligent Multi-User Card (RS232)	549

PERSONAL COMPUTERS:

486/66 MHz EISA II 64K Cache	$1665
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486/50 MHz 256K Cache (w/Local Bus)	915
486/50 MHz 256K Cache (FCC Class B)	945
486/33 MHz EISA II 64K Cache	1360
486/33 MHz EISA 256K Cache (Made in USA)	955
486/33 MHz 256K Cache (w/Local Bus)	$750
486/33 MHz 256K Cache (FCC Class B)	750
486SX/25 MHz 64K Cache (w/Local Bus)	415
486SX/20 64K Cache (w/Local Bus)	420
386/40 MHz 64K Cache	360
386/33 MHz 64K Cache	360
386/25 MHz Non-Cache	315
386SX/25 MHz Non-Cache	270
386SX/16 MHz Non-Cache	265
286/20 MHz Non-Cache	250

Standard Systems Include:

1 MB RAM, 1.2MB 5.25" or 1.4 MB 3.5" Floppy Drive, IDE Controller, w/2 Serial & 1 Parallel Ports, 101-Key Enhanced Keyboard, Mini or Desktop Case w/200W Power Supply.

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Trident 1 MB VGA Card	60
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Tseng Labs ET4000 1 MB VGA Card Hi-Color	105
Diamond SpeedStar 24X	145
Diamond Stealth 1MB VRAM VGA Card	215
Orchid Fahrenheit 1280	200
ATI Graph Ultra	270
Local Bus ET4000 1MB VGA Hi-Color	130
Local Bus S3 Chip 1MB VRAM VGA Hi-Color	195
Local Bus IDE Cache Controller	195

Monitor Options:

14" Mono	$92
14" SVGA Mono (1024x768) (.28mm)	125
14" Low Radiation SVGA (.28mm)	270
14" VESA NI SVGA	340
14" NI SVGA (.28mm)	315
14" ViewSonic NI SVGA (.28mm)	345
15" Hitachi SVGA (1024x768 .28mm)	580
15" NEC 4FG (1024x768 .28mm)	775
17" Nanao F550i SVGA (.28mm)	1120
17" Samsung NI SVGA (.31mm)	765
17" Samsung NI SVGA (1280x768) (.26mm)	950
17" Standard VESA NI 70Hz	650

Hard Drive Options:

40MB	$165
80 MB	215
120 MB	270
Conner 170 MB 17ms (IDE)	325
Fujitsu 425 MB 16ms (IDE/SCSI)	930
Fujitsu 520 MB 9ms (SCSI)	990
Maxtor 130 MB (IDE)	300
Maxtor 200 MB 15ms (IDE)	385
Maxtor 340 MB 13ms (IDE/SCSI)	655/695
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chines, gathering dust between sneers-when-passing and snarls-when-used.

The mid-'70s to mid-'80s was spent homebrewing applications on some S100 micro-based time-sharing systems. These had software much more powerful than current-day DOS using hardware much less powerful than PCs. *Tsk!*

And, for most of a decade beginning in 1968, before becoming a "well-known industry leader" (i.e. opinionated gadfly), I made an *honest* living—programming minis in real-time applications, plus several sojourns on monster mainframes.

Thus, I speak from almost a quarter century's (mostly obsolete) experience. (Age does not guarantee wisdom, but it *does* give perspective.)

MACS & PCS

One pays upfront for slightly higher-priced Mac hardware, or pays and pays thereafter in steep learning curves for each new application and ill-integrated diverse applications. But the thousands of PC applications exceed the thousands of Mac applications—for those using thousands of applications. And PC laptops are cheaper and offer more hardware alternatives than PowerBooks—so far.

Mac is great when Mac applications exist that meet the user's needs. But coding personalized Mac programs is massively nontrivial—perhaps approaching the difficulty of programming Windows applications.

DOS is incredibly brain damaged and underpowered compared to PC hardware capabilities. However, its primitive character makes programming applications for text and binary data much easier than under Mac or Windows.

Windows and Mac programming difficulty is inherent in graphical user interfaces (GUIs). Object-oriented programming tools aid in GUI programming but require a very different mindset than programming in Fortran, BASIC, Cobol, assembler or pre-'90s Pascal or C.

Mac programming: Symantec's **Think C** and **Think Pascal** are absolutely the most outstanding programming systems I have ever used—partly due to excellent use of the Mac's superior user interface. Think-things are not just compilers; they are beautifully integrated compilers, debuggers, tracers, optimizers and formatters. Further, their integration with the Mac operating system and GUI greatly assists dealing with those complex systems. Both have robust object-oriented tools, built-in. Finally, their **Think Reference** is an outstanding programmer's support tool, a pull-down electronic reference source for the Mac's massive complexities. Symantec (408)253-9600.

PC programming: When programming a PC, I use the current version of Borland's **Turbo C**, **Turbo Pascal** or **Turbo Assembler**—the latter for moments of macho machine-level masochism. From the beginning, these have always been excellent coding tools and well-integrated programming environments. They now include potent object-oriented tools. And Borland's programs have always been priced amazingly low—helps limit greed by Redmond's 800-pound gorilla (Microsoft). Also noteworthy, Borland's financial and talent resources go into product support and enhancement, rather than endless Lotus-like litigation. Borland (408)438-8400.

> **"One pays upfront for slightly higher-priced Mac hardware, or pays and pays thereafter in steep learning curves for each new application and ill-integrated diverse applications."**

Other PC-only software: (also see cross-platform software, later) I'm reasonably hooked on Borland—**Paradox 4.0** for hardcore database work (DOS only, now; Windows "real soon") and **dBase IV** (DOS only) for antiquity-compatible databases. **Quattro Pro** is my PC spreadsheet of choice (DOS and Windows). (I won't use Lotus products nor otherwise support their wealthy-thug's look-'n'-feel litigation/oppression—especially when Quattro Pro's as good or better than 1-2-3.)

DataStorm Technologies' **Procomm Plus** remains one of my favorite PC data communications programs, and their **HotWire** kit is especially handy for direct, hardwired communications and transfers between computers. (DataStorm, 314/443-3282)

CLOUDY WINDOWS

I expect that in another few years, the Windows interface on PCs will be almost as robust and perhaps as reliable as the Mac interface was a few years ago. And perhaps someday, most PC applications will standardize on the user commands for major functions—e.g., insert, delete, copy, etc.—as has always been true for the Mac.

CROSS-PLATFORM SOFTWARE

I favor software that performs more or less the same on at least Macs and PCs (and maybe on NeXT machines, Unix boxes, palmtops…). Ain't no sense in learning alien applications for the same functions on different computers. Cross-platform examples include Microsoft's **Excel** spreadsheet system, Autodesk's **AutoCAD** (but I'm biased; I'm on Autodesk's Board), and at least the following:

Microsoft's **Word** has a powerful feature I've longed for in numerous other systems: The user can redefine the keyboard controls for most of its massive command-set. Among other things, it's invaluable when alternating between an extended-keyboard desktop Mac and a limited-keyboard PowerBook. (Microsoft, 800/426-9400)

Every application program *should* allow the user to configure its controls to the user's desires—doing much to resolve the infuriating PC problem of similar functions having entirely different keyboard commands in different applications.

Software Ventures' **MicroPhone** has long been my data communications program-of-choice on the Mac. Powerful, usable, strong scripting/customizing features; now available for Windows. (Software Ventures, 415/644-3232)

Fox Software's **FoxPro** (PC) and **FoxBase** (Mac) permit almost compatible cross-platform databases—a dBASE-compatible speed demon. I'm am looking forward to the long awaited **FoxPro** for the Mac. (Fox/Microsoft, 206/882-8080)

Geographic information systems (GIS) is a major '90s growth area, integrating graphics and data—census, real estate, customers, transportation, hand-held global positioning systems (satellite-based GPS), etc. Strategic Mapping's **Atlas Pro** (Mac) and **Atlas GIS** (PC) provide powerful, mostly compatible geographic information tools. (Strategic Mapping, 408/985-7400)

For publication-quality, arbitrarily complex typography and images, I prefer Adobe Systems' **PostScript** language and **Adobe Type Manager** (ATM). It's the default global standard for size-independent outline-font typography, with continuing enhancements—fax, multimedia, etc. As long as they maintain a mostly open software platform, why bother with late arriving, also ran TrueType? (It would be nice, however, if word processors and desktop publishing software would automatically switch to Adobe's *customized* faces—italic, bold, bold-italic—within a font-family when commanded to do so, rather than generating them by PostScript algorithm from the base face, but that's for the WP and DTP publishers to implement.) (Adobe, 415/961-4400)

(Aside: Before Adobe announced PostScript, I was at a technoid meeting that included Brian Reid, one of the not-yet-known Adobe mob. Brian tried to tell me about PostScript—somewhat hampered by constraints on disclosing R&D in progress. Instant Opinion Warren, here, snottily sneered at the notion; not worth doing, sez I. *Boy!*—was I wrong! Public apology herewith proffered to Brian *et al.*)

And finally, is there anyone who *doesn't* use Berkeley Systems' **After Dark** screen saver (Macs and PCs)? Neat product; decent price; nice add-ons. And, their space-war variant called Lunatic Fringe is addictive—though it'd be nice if didn't disappear when overly energetic button pounding in the heat of battle causes PowerBook's trackball to twitch. Berkeley Systems, 510/540-5535

MAC SOFTWARE

Dantz Development's powerful **Retrospect** backup utility has repeatedly saved me from stupid errors and power

Continued on page 298

Network Products for Less!

Lan Cards

Ethernet

HTI Coax 16-Bit Ethernet Adapter	125
3COM 3C503-16 ETHERLINK II 16-bit	199
3COM 3C503-16 ETHERLINK II 5 Pack	738
3COM 3C523B ETHERLINK/MC	290
3COM 3C523B ETHERLINK/MC 5 Pack	1,278
3COM 3C507 16-BIT ETHERLINK	304
3COM 3C507 5 Pack, (1 Doc/Drivers)	1,347
3COM 3C509 ETHERLINK III 16-bit	160
3COM 3C509 ETHERLINK III 5-Pack	699
INTEL ETHEREXPRESS 16	135
INTEL ETHEREXPRESS 16 MCA	176
INTEL ETHEREXPRESS 16 5 Pack (1 Doc/Drivers)	627
INTEL ETHEREXPRESS 16 20 Pack (1 Doc/Drivers)	2,007
NOVELL/EAGLE NE2000 16-Bit	139
NOVELL/EAGLE NE2/2C 16-bit Micro Channel	253
SMC ETHERCARD ELITE 16 Coax	144
SMC ETHERCARD ELITE 16 Coax 6 Pack	788
SMC ETHERCARD ELITE/A FOR PS/2	221
ACCTON 32-Bit EISA Coax/10BaseT Combo	450
EXOS/MICRODYNE 32-BIT EISA	625
INTEL ETHEREXPRESS 32-Bit EISA	580
NOVELL/EAGLE NE3200 32-Bit EISA	711
NOVELL/EAGLE NE2/32C 32-Bit MC	543

Token Ring

3COM TokenLink III 16/4 ISA	474
3COM TokenLink III 16/4 EISA	746
IBM Token Ring Adapter 16/4	615
INTEL TOKENEXPRESS EISA 16/4	698
MADGE Smart RingNode Adapter 16/4	621
MADGE Token RingNode Adapter 16/4 EISA	850

10 Base-T Twisted Pair Ethernet

HTI 10 Base-T transceiver (AUI to RJ45)	89
ACCTON 10 Base-T tranceiver (AUI to RJ45)	100
RACAL 10 Base-T transceiver (AUI to RJ45)	110
HTI 10 Base-T 16-bit Ethernet Adapter	125
3COM 3C503-16TP ETHERLINK II 16 16-bit	209
3COM 3C503-16TP ETHERLINK II 16 5PK	825
3COM 3C507 ETHERLINK 16-bit TP	340
3COM 3C507 ETHERLINK 16-bit TP 5PK	1,394
3COM 3C509-TP ETHERLINK III 16-bit	170
3COM 3C509-TP ETHERLINK III 16-bit	699
3COM 3C523B 10 Base-T MC	337
3COM 3C523B 10 Base-T MC 5 Pack	1,517
ACCTON EN1640 ETHERCOMBO 16-Bit	175
INTEL ETHEREXPRESS 16 TP	145
INTEL ETHEREXPRESS 16 TP MCA	186
INTEL ETHEREXPRESS 16 TP 5 Pack	675
SMC ETHERCARD ELITE 16T 10 Base-T	144
SMC ETHERCARD ELITE 16T 10 Base-T 6 Pack	799
SMC ETHERCARD ELITE 16 COMBO	177
SMC ETHERCARD ELITE 16 COMBO 6 Pack	984

External/Pocket Adapters

DLINK Pocket Ethernet Adapter BNC	250
DLINK Pocket 10 Base-T Adapter	250
HTI Ext. Ethernet Adapter w/ Parallel Port	199
HTI Ext. 10 Base-T Adapter w/ Parallel Port	199
XIRCOM Pocket Arcnet Adapter COAX	267
External Ethernet Adapter	413
External Token Ring Adapter	649
Pocket 16/4 Mbps TR Adapter	615
Pocket Ethernet II BNC	345
Pocket Ethernet Adapter 10 Base-T	378

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10 Base-T Concentrators

3COM 3C621 LinkBuilder 10BT	746
3COM 3C622 LinkBuilder 10BTI (SNMP)	1,359
3COM 3C623 Single Port BNC Module	149
3COM 3C624 Single Port Fiber Module	260
3COM 3C625 Hub Expansion Cable	59
ASANTE 1012 12-Port Smart Hub	820
ASANTE 1701 Smart Hub 12-port w/SMNP module	966
EAGLE 4-port Hublet Mini-Repeater	228
HTI 8-port 10 Base-T Concentrator	399
HTI 12-port 10 Base-T Concentrator	525
EXOS/MICRODYNE 16 port 10 Base-T Concentrator	621
INTEL Int. EtherExpress TPE Hub/ISA (12 ports)	565
INTEL Int. EtherExpress TPE Hub/EISA (12 ports)	641
INTEL Hub Expansion Board (12 add'l ports)	490
INTEL Harmonica for EtherExpress TPE Hub	65

Microsoft's Windows for Workgroups

The new Microsoft's Windows for Workgroups combines the Windows operating system with integrated networking, making it easier for users to share information and work together.

Complete Kits (Including Windows 3.1):

Starter Kit	$619
User Kit	$299

For Users of Windows 3.1:

Add On Starter Kit	$385
Add On User Kit	$195

Manageable Concentrators

NETWORTH 3-Slot Chassis	615
6-Slot Chassis	802
Host 10BaseT Module	1,234
Smart 10 BaseT Module	1,791
EtherManager Software	1,234
SYNOPTICS 2803 16-Port w/AUI	914
2804 16-Port Concentrator w/FO	1124
2813-03 10Base-T Conc. w/AUI(Basic)	1,623
2813-04 10Base-T Conc. w/AUI(Adv.)	2,047
2814-03 10Base-T Conc. w/FO (Basic)	1,834
2814-04 10Base-T Conc. w/FO(Adv.)	2,259
Adv. Ethernet/TR Control Console SW	2,621

Repeaters

ACCTON EtherRepeater 2 AUI/2 BNC	685
IMC LANextender BNC/BNC-limited to 1 per lan	325
IMC Dual Port Ethernet Repeater BNC/BNC	492
IMC Quad Port Repeater	600
IMC Multi-Port Repeater Chassis	568
IMC BNC Repeater Card for IMC Multi-Port Repeater	253
IMC 10BT Repeater Card for IMC Multi-Port Repeater	135

Network Printing

BRIGHTWORKS PS-Print (Software)	276
CASTELLE JETPRESS BNC/10 Base-T	436
FRESH TECH Printer Assist (Software)	175
INTEL LANSpool Print Server VAP (Software)	299
INTEL LANSpool Print Server NLM (Software)	449
INTEL NETPORT II for Ethernet	529
INTEL NETPORT II for 10 Base-T	529
INTEL NETPORT II for Token Ring	760

Uninterruptible Power Supplies

APC UPS Monitor Card for NetWare	80
APC250 (200watt UPS for workstations)	140
APC POWERDOCTOR for DOS	99
APC POWERCHUTE PLUS for Novell (VAP/NLM)	99
APC SMART-UPS 400	323
APC SMART-UPS 600	411
APC SMART-UPS 900	650
APC SMART-UPS 1250	844
APC SMART-UPS 2000	1,294
ELGAR IPX1100SL (1000w)	539

Network Fax

CHEYENNE FaxServe VAP/NLM	679
INTEL NET SATISFAXTION Network Fax Software	653
OPTUS FACSys NetWare Fax Server Software	651
INTEL Satisfaxtion Modem 200	317

- The above solutions require a fax server

JETFAX II 9250 w/1 MB	569
JETFAX II 9450 w/ 4 MB	975

Tape Backup Solutions

COLORADO DJ-10 120MB	225
DJ-20 250MB	270
QFA-700 W/ CTRL 700 MB	1,100
TJ-10 120MB TRAKKER Parallel Port Tape Drive	395
TJ-20 250MB TRAKKER Parallel Port Tape Drive	479
TALLGRASS FILESECURE 500i (500MB)	1,058
FILESECURE 1000i (1GB)	1,599
FILESECURE 1300i (2.6GB)	2,399
MOUNTAIN FS1200 2.0GB Int. 4MM, SCSI	2,915
MOUNTAIN FS1200 2.0GB Ext. 4MM, SCSI	3,207

Server Based Tape Backup

ARCHIVE INT. PYTHON 2GB DAT w/VAP	1,980
ARCHIVE EXT. PYTHON 2GB DAT w/VAP	2,106
ARCHIVE INT. PYTHON 2GB DAT w/NLM	2,051
ARCHIVE EXT. PYTHON 2GB DAT w/NLM	2,177
ARCHIVE INT. PYTHON 4 GB DAT w/NLM	2,849
ARCHIVE EXT. PYTHON 4 GB DAT w/NLM	2,975
EXABYTE INT 2.2 GB 8MM w/NLM	2,744
EXABYTE EXT. 2.2 GB 8MM w/NLM	2,870

MacIntosh Products

3COM 3C543 ETHERLINK/NB	395
ASANTE MC+IIE64 Coax/MAC II	158
ASANTE MC+IIET64 10 BaseT/MAC II	158
ASANTE MC+30iE64 Coax/IIsi & SE/30	158
ASANTE MC+30iET64 10 BaseT/IIsi &SE/30	158
ASANTE EN/SCPB Thick/Thin/10BT for Powerbook	346
ASANTE EN/SC10TPB 10BaseT for Powerbook	283

Cabling Supplies

RG58/RG62 Rachet BNC Crimper	75
RJ-45 Crimper	75
RG58 Ethernet BNC-Crimp (100 pak)	125
RG62 Arcnet BNC-Crimp (100 pak)	125
RJ45 10 BaseT Connectors (100 pak)	40
AT&T 10Base-T Ethernet Cable (1000' min)	100
BELDEN PVC RG58 or RG62 Cable (1000' min)	175
PLENUM RG58 or RG62 Cable (1000' min)	350
MICROTEST Cable Scanner Kit	1,095
MICROTEST Pair Scanner Kit	1,826

Network Modems

SHIVA NET MODEM/E 9600 BNC	1,502
MICROTEST Ethernet LANModem	1,509
MICROTEST Token Ring LANModem	1,965

- MICROTEST LANModems allows connection of 2nd modem
- Above solutions attach directly to cabling

U.S. ROBOTICS Modem Sharing Kit V32BIS	635
U.S. ROBOTICS Dual Modem Sharing Kit	1,018

- Modem Sharing Kits requires non-dedicated workstation

Disk Sub-Systems for NetWare

Micropolis 675 MB w/ SCSI-2 Host Adapter, Drivers, Enclosure. 17 ms	**1,975**
Micropolis 1.0 GB w/SCSI-2 Host Adapter, Drivers, Enclosure 10 ms	**2,665**
Micropolis 1.3 GB w/ SCSI-2 Host Adapter, Drivers, Enclosure. 14 ms w/ 5 year warranty	**2,605**
Micropolis 1.3 GB Mirrored w/ SCSI-2 Host Adapter, Drivers, Enclosure. 14 ms w/ 5 year warranty	**4,635**
Micropolis 1.7GB w/ SCSI-2 Host Adapter, Drivers, Enclosure.14.5 ms w/up to 5 year warranty	**3,198**
Micropolis 1.7GB Mirrored w/SCSI-2 Host Adapter, Drivers, Enclosure.14.5ms w/up to 5 year warranty	**5,825**

E-Mail w/ cc:Mail

cc:MAIL DOS Platform V4.0	205
OS/2 Platform	344
WINDOWS Platform	344
MacIntosh Platform	344
10 USERS license	240
25 USERS license	587
100 USERS license	2,287

Network Utilities

CHEYENNE Monitrix Network Mgmt.	595
Utils for NetWare 286/386	262
ARCserve NLM V4.0 (up to 5 users)	273
ARCserve NLM V4.0 (up to 20 users)	810
ARCserve NLM V4.0 (up to 50 users)	1,018
ARCserve NLM V4.0 (up to 250 users)	1,295
ARCserve VAP V4.0 (5 users)	218
ARCserve VAP V4.0 (10 users)	511
ARCserve VAP V4.0 (any users)	879
ARCserve Solo	185
DIRECT ACCESS Network Menu	366
FRYE UTILITIES NetWare Management v1.1	324
Early Warning System v1.1	324
Early Warning System Add'l License	276
Early Warning System Pager Option	195
Early Warning System cc:Mail Option	195
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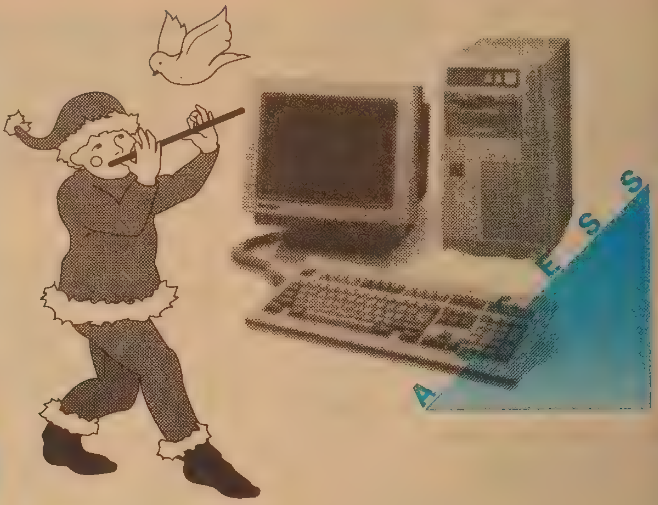

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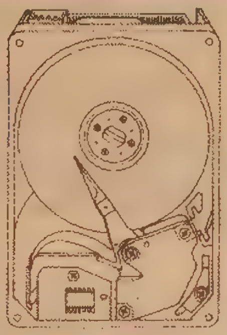

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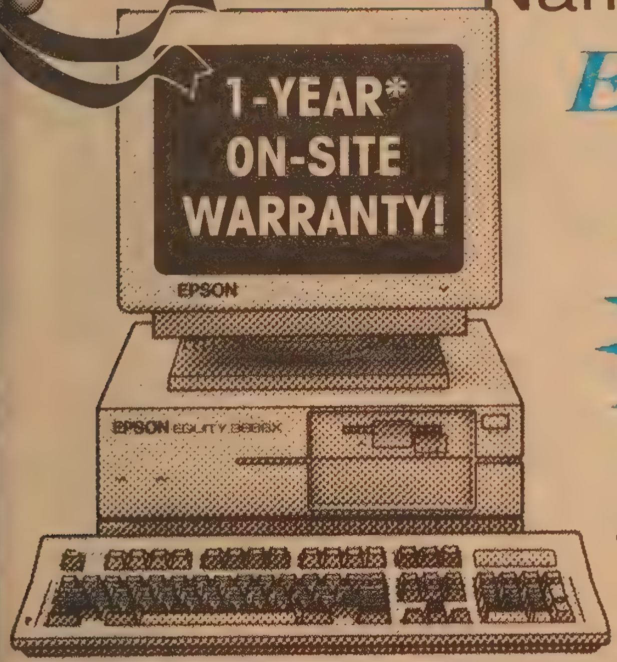
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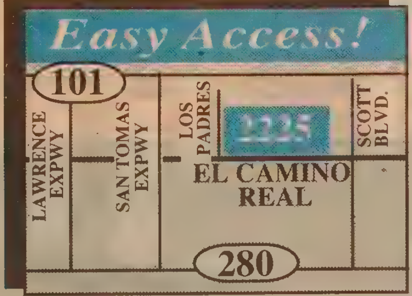
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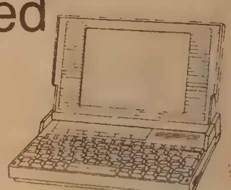

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CARRIER	386SX/20MHz 4MB/80MB HDD (Fax Modem)	$1799
ZENITH Data Systems		
386S	386SX/25MHz 2MB/85MB HDD DOS 5.0	$2299
320L/20	386SL/20MHz 2MB/60MB HDD EtherNet Port	$2399
420S	486SX/20MHz 4MB/85MB HDD DOS 5.0	$2899
Texas Instruments		
TI3000	386SX/20MHz 2MB/40MB HDD	$1199

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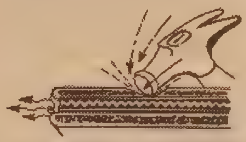

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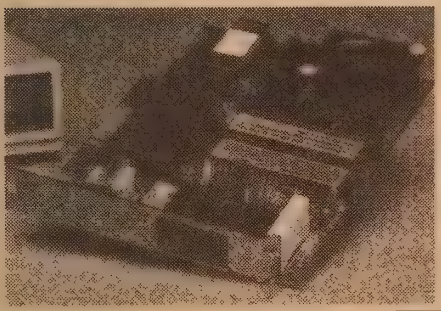

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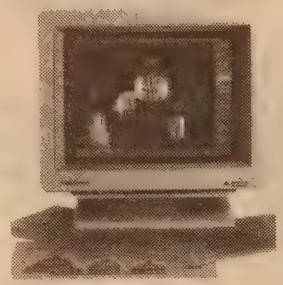

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IBM & Mac Compatible

- Up to1280x1024, .28 mm dot pitch
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9080i 16" SVGA $995

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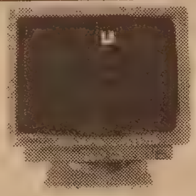

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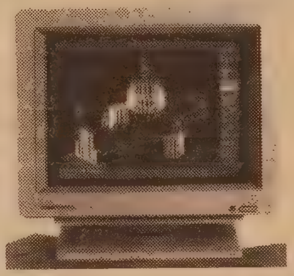

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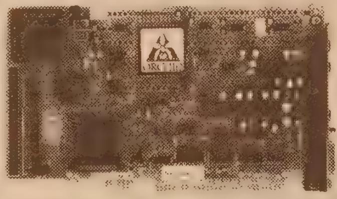

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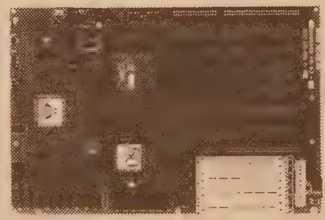

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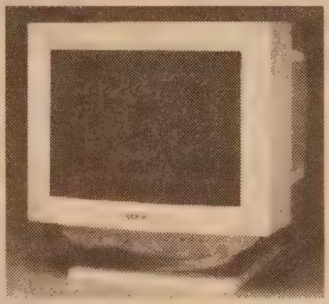

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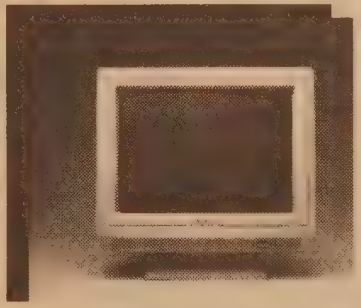

14" SVGA 1024x768
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CM9217

- **17" CRT** (16" viewable) with black matrix, dark glass and a non-glare silica coating
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- **0.31mm** dot pitch

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- **20" CRT** (19" viewable) with black matrix, dark glass and a glossy face
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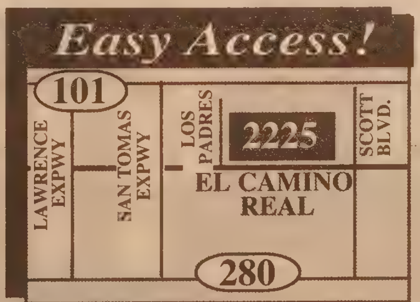

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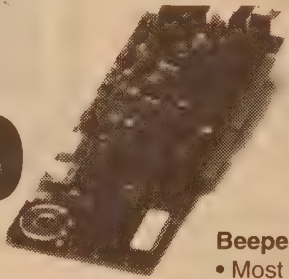

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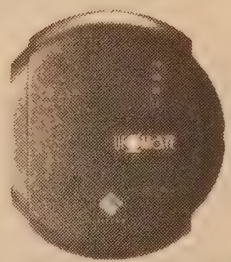

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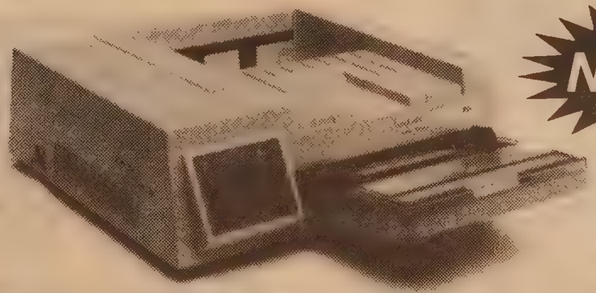

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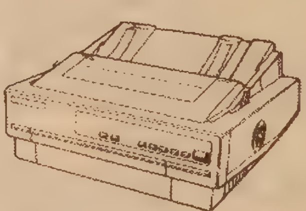

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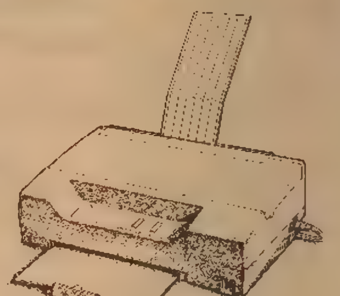

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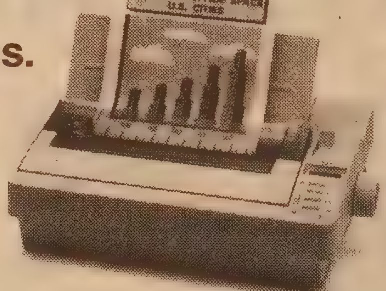

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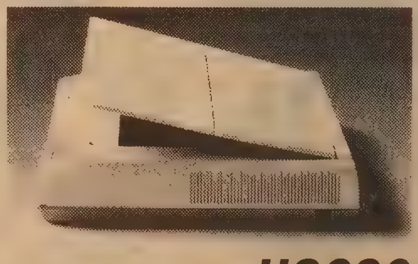

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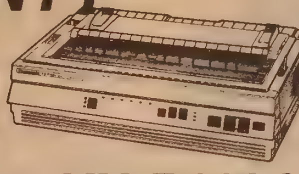

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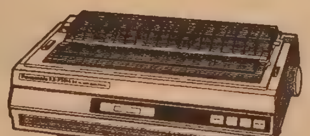

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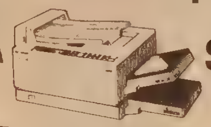
PostScript Laser



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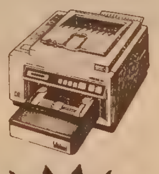

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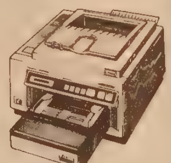

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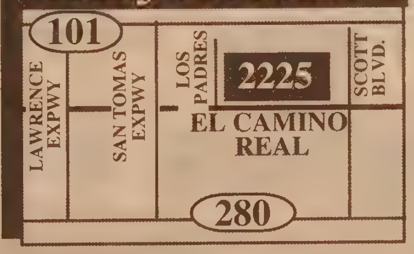

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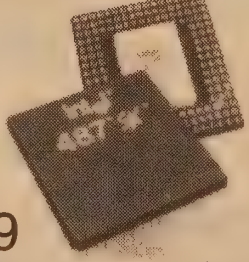

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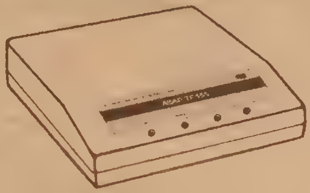

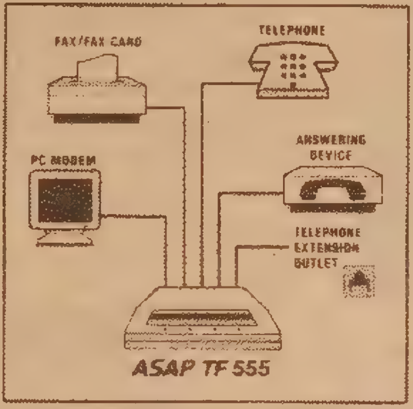

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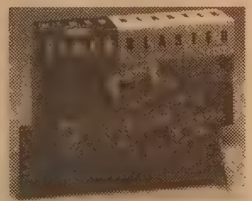

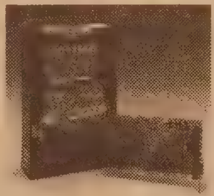

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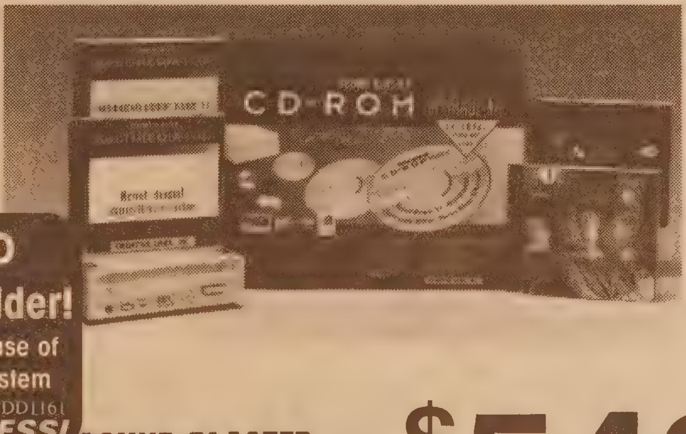

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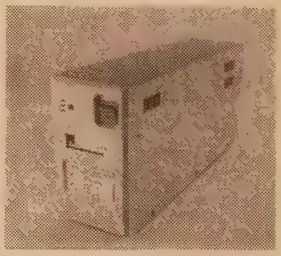

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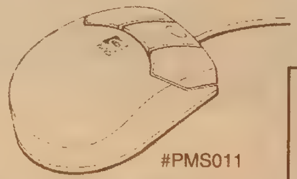

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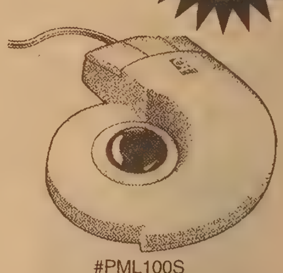

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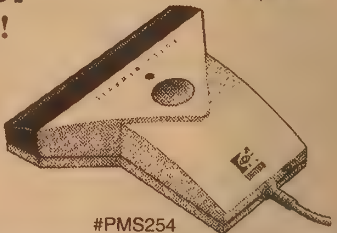

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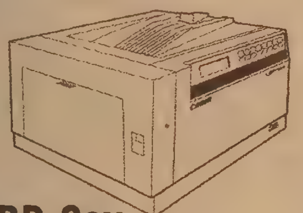

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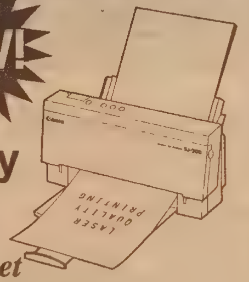

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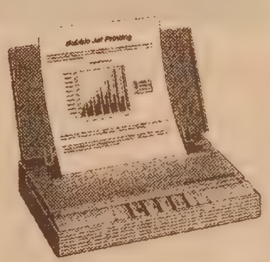

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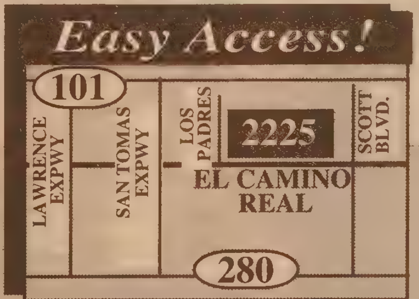

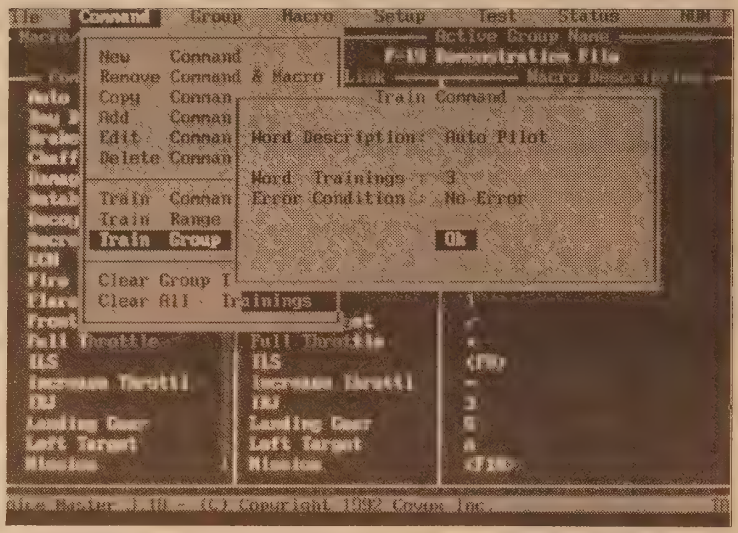
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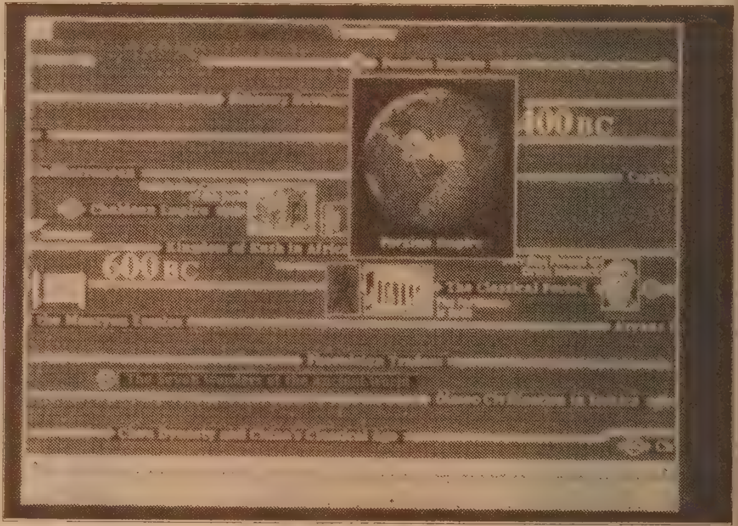
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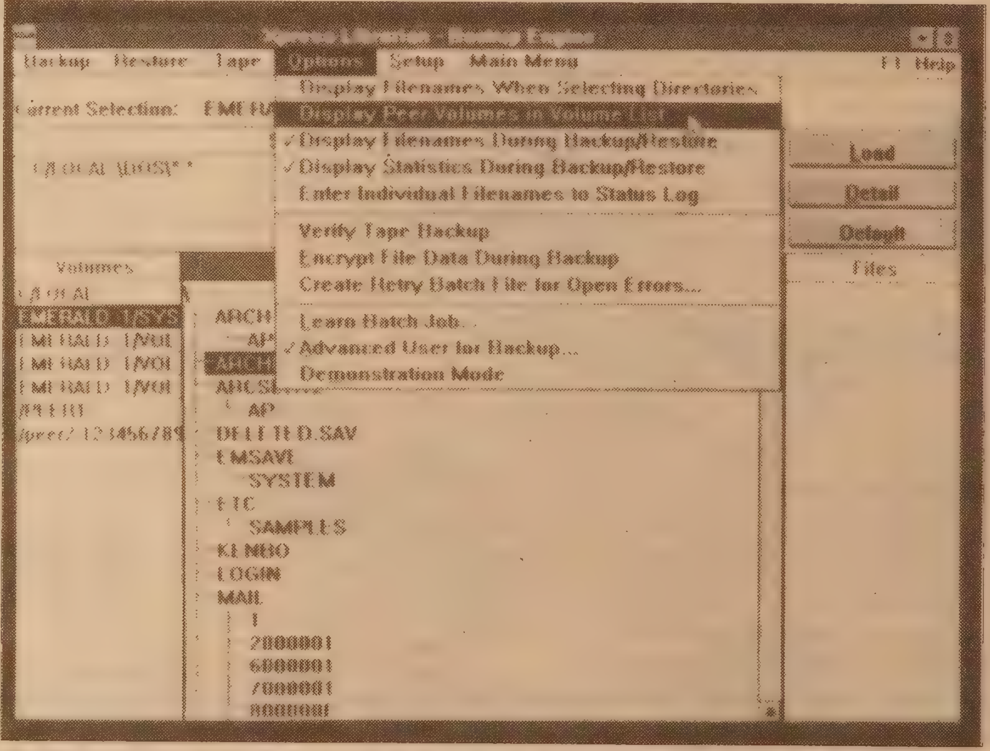
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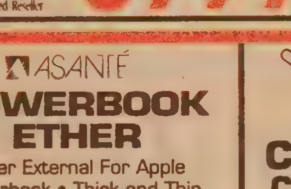

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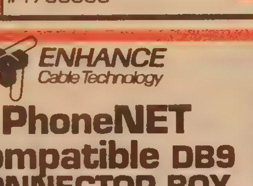

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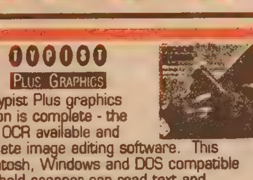

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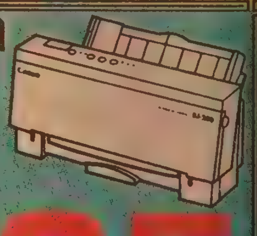

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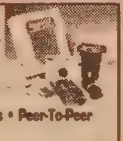

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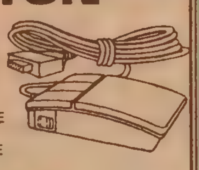

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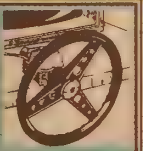

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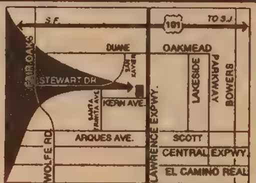

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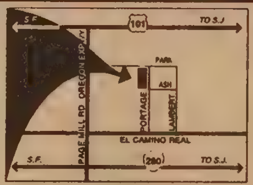

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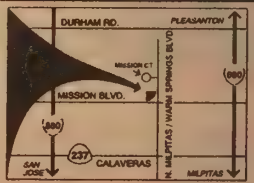

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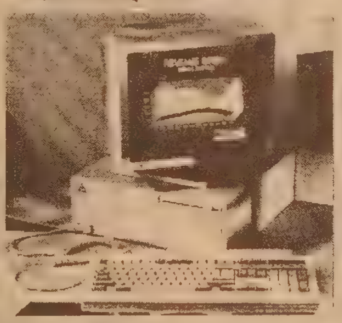

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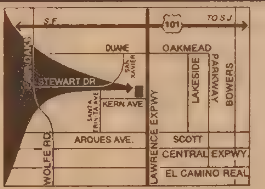
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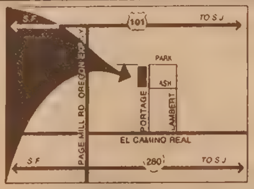
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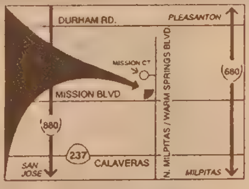
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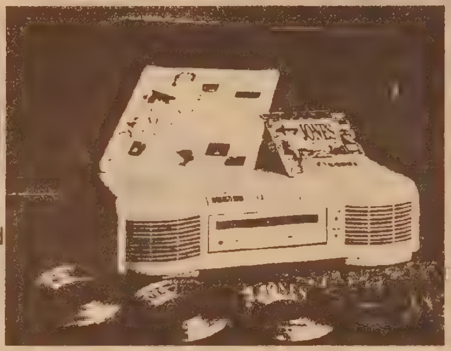

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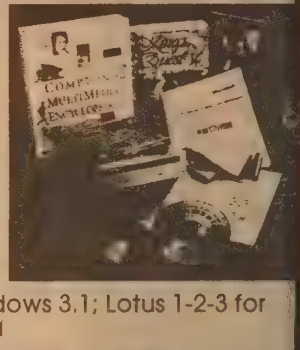

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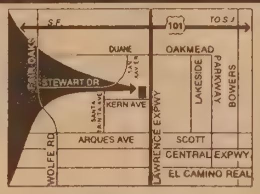
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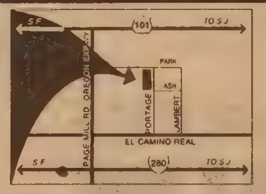
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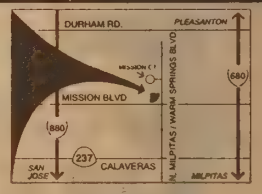
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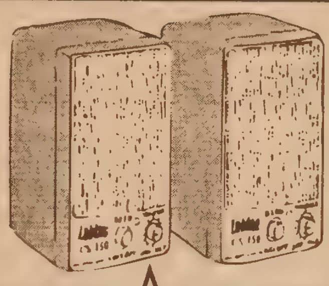
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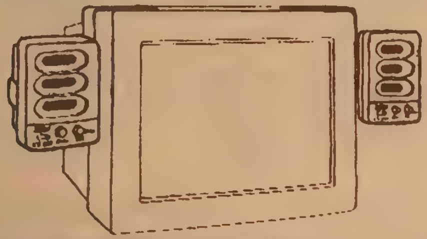

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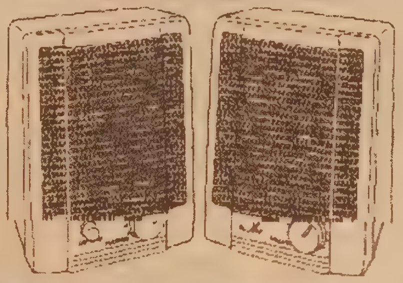

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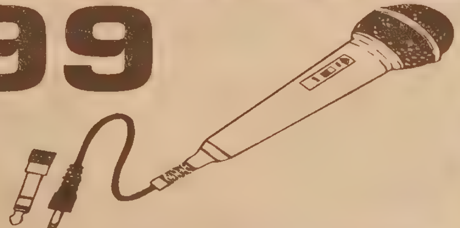

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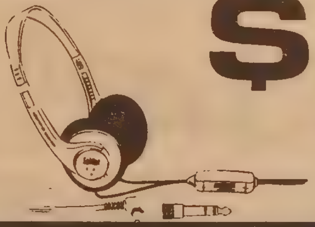

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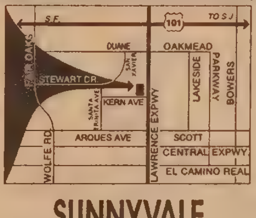
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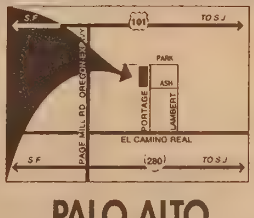
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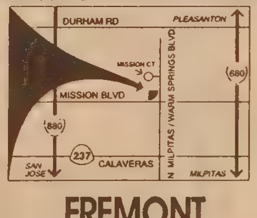
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New King's Quest IV is a richly detailed game of discovery and adventure. New features include:

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- More puzzles and greater variety of challenges.
- Multiple paths and different endings.
- Requires 286 or better with hard drive and VGA 256 or EGA 16 Color.

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ROBOSPORT FOR WINDOWS

RoboSport is a computerized battle-strategy simulation game. It combines the tactical challenge of chess with the intensity of guerilla warfare to provide total strategic mayhem. Contains five different sports: Survival, Treasure Hunt, Capture the Flag, Hostage and Baseball.

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B-17 Flying Fortress is a World War II bomber that remains a legend in history. Main features:

- Authentic flight dynamics.
- Customize your flying fortress with your choice of authentic nose art.
- Select 10 crew members by studying their past missions, promotions, and medals.

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JET FIGHTER II

Jet Fighter II is the hottest flight simulator/combat adventure ever. It destroys the competition with advanced 3-D simulation technology featuring the amazing F-23 Tactical fighter. It includes F/A-18 Hornet, F-16 Falcon, F-14 Tomcat, and supports Adlib and Sound Blaster.
It is absolutely The Best!

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LINKS 386 Pro

New Links 386 Pro is the golf game specifically designed for the graphic capabilities and power of your personal 386/486. Features include: 9 different viewing windows, over 345 different game simulations. Male or female golfers with 10 different shirt colors. Minimum requirement 386SX/16MHz with 2MB RAM, 13MB free on Hard Disk and Super VGA.

ACCESS

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MIGHT AND MAGIC CLOUDS OF XEEN

This is an adventure game about an exploration of a 3-D world that has fallen under the iron grip of a diabolical overlord.
Some of the features:

- 3-D animated role-playing epic
- Complete musical score
- Explicit sound effects
- Digitized speech
- Automapping

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Requires 2MB of RAM, VGA Graphics and Hard Disk
Supports Sound Blaster/Pro, AdLib, Roland etc...

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GLOBAL CONQEST

This is a strategic game that both players try to conquer the world and win. There are four opponents in the game. Supports joystick and a mouse. Hard Disk recommended.

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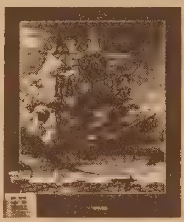
ACES OF THE PACIFIC



Aces of the Pacific is an experience of depth, emotion and history. You can fly for either America or Japan. It comes with over 25 different aircrafts to fight against the enemy. you can play a quick simple mission or the full tour between 1941 and 1945.

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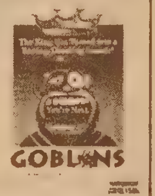

This is a warped and wonderful quest, filled with level after level of truly twisted object, inventory, and logic puzzles. It is a brain gobbling game for true warriors of the warped. It is an adventure for imps...not wimps!

SIERRA

$26 95

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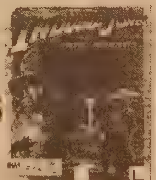
INDIANA JONES AND THE FATE OF ATLANTIS



In this newest adventure game, you will play the role of Indiana Jones. You are going to help Indy search for the fabled city of Atlantis. It requires 256 color graphics and supports most known sound boards.

LUCASFILM

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IBM
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QUEST FOR GLORY III

Quest for Glory III combines the character development and combat features of fantasy role-playing games with the basic adventure game concept of exploring a world and solving its puzzles.

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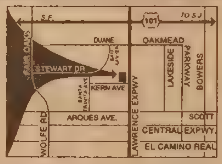

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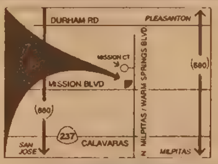

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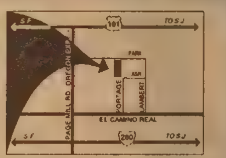

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This is a graphic playground full of activities that build reading skills. Enjoy delightful animations, exciting sounds, and digitized speech as you journey to the city of Emeralds. Each game is different and unique.

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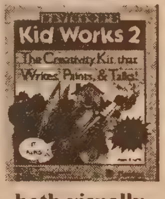
KIDWORKS II



KidWorks 2 combines a word processor, point and advanced text-to-speech technology all in one. With the ability to convert text-to-pictures and pictures-to-text, children learn to express their thoughts both visually and in writing.

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KID DESK

Kid Desk gives kids creative control over their computing environment. It protects hard disk data from a child's curiosity while enabling even young children to launch their own software programs and learn real-life skills. It comes with talking clock, working calendar and calculator, message machine , nameplate, six personalized desktops, and screen savers.

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THE INTELLIGENT ROAD ATLAS

AUTOMAP is a colorful, computerized road atlas for PCs, with simple to read map displays and easy to follow trip instructions. Just tell AUTOMAP when and where you're starting out and where you want to end up and it will take care of everything. It includes: Freeways, Tollways, State &County Roads and 51,921 cities. State Capitols, Counties, National Parks etc…State & City populations Information Hotlines for: Road/Weather conditions, tourist information, hotel and car rentals.

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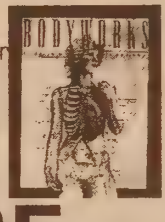

It's an adventure in anatomy! Colorful, comprehensive computer graphics guide you on a journey through the body. With its vast database, BODYWORKS lets you study specific areas from head to toe.

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SPACE ADVENTURE

Space Adventure is like a vast encyclopedia playground. There are hundreds of pages of pictures, text, and stories all linked and searchable for powerful references. It covers rockets, human exploration, the science of space, our solar system and much more.

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MARS EXPLORER

Mars Explorer is a CD ROM based program for viewing the surface of Mars, as photographed by NASA. It can overlay the International Astronomical union approved manes of objects and places as well as Longitude and Latitudes lines with labels.

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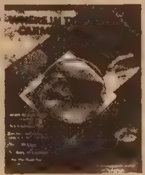
WHERE IN THE WORLD IS CARMEN SAN DIEGO? CD-ROM



This award winning software is now available in CD-ROM. It turns geography into an exciting world wide chase. It includes 32,001 clues about world geography, history & culture,The World Almanac & Book of facts to help decipher clues and has five levels of difficulty.

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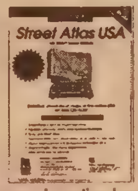

Street Atlas USA has detailed, street-level maps of the entire USA on one CD-ROM. Every street you need in the USA is included: Maps of every state, highways, state routes, streets, back roads and their names. Location by street name, phone exchange, zip code or place name. Lakes, ponds, streams and rivers and more!

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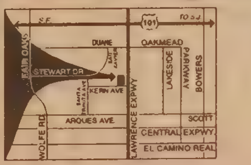

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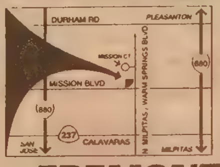

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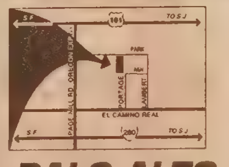

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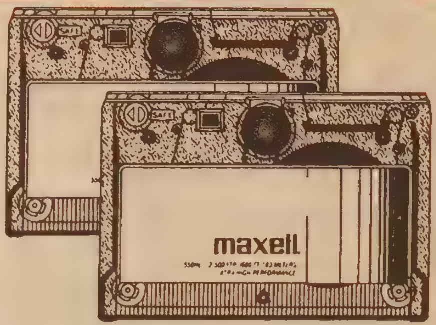

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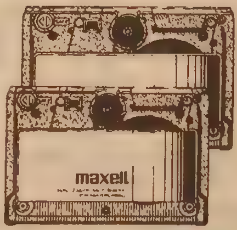

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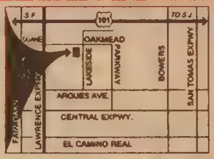
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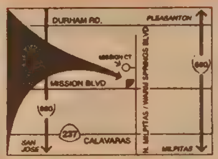
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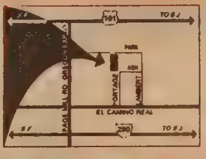
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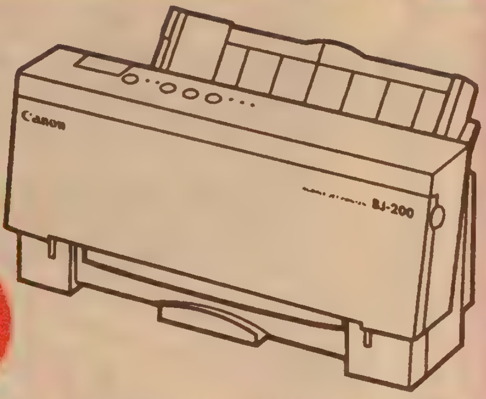
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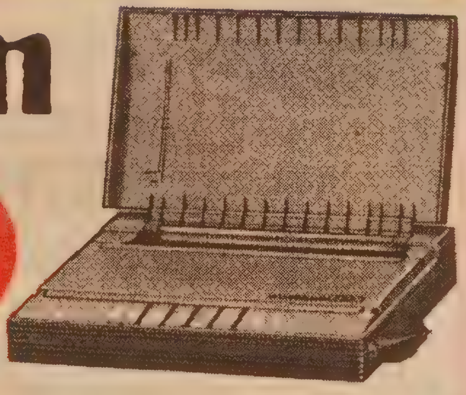

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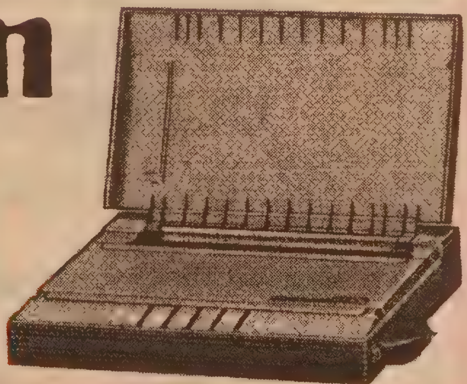

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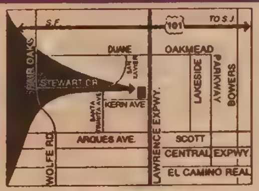
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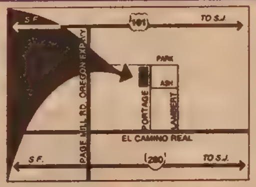
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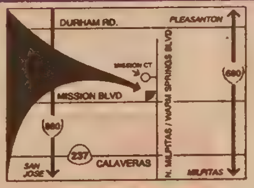
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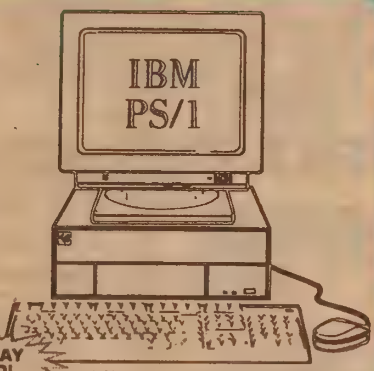

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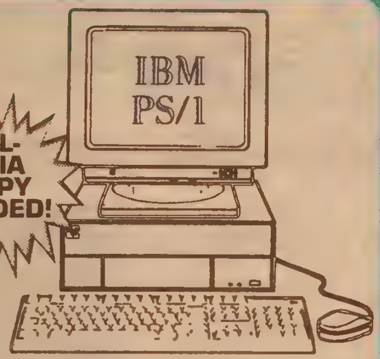

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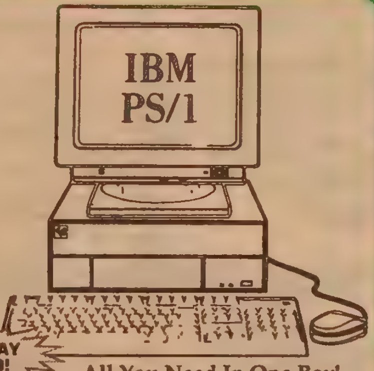

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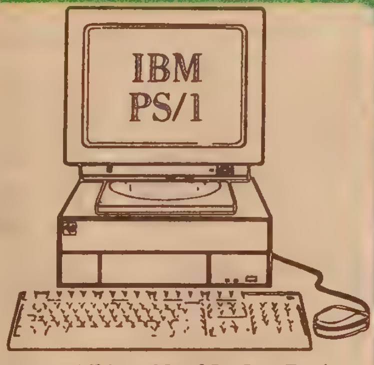

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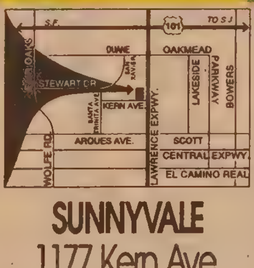

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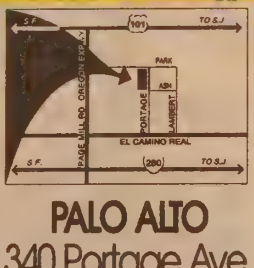

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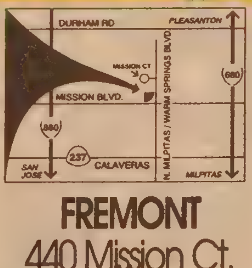

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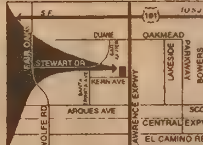

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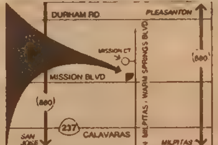

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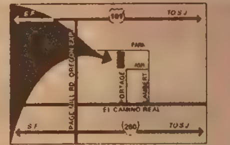

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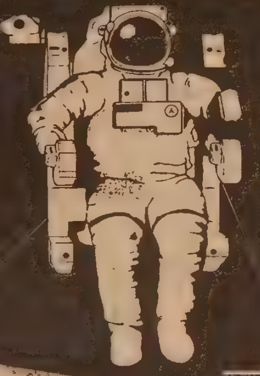

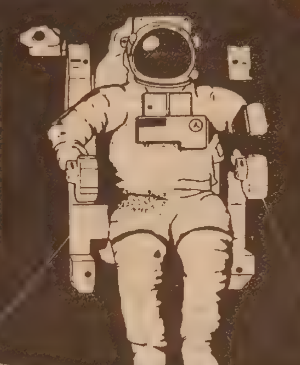

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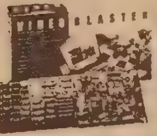

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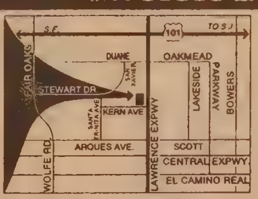
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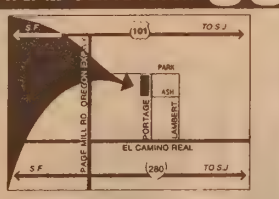
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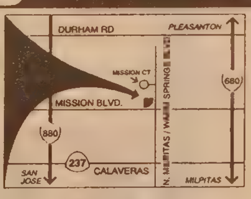
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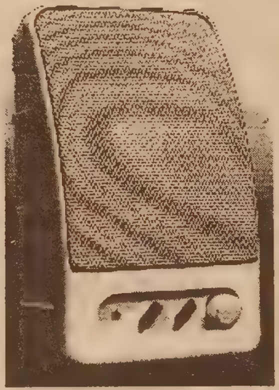

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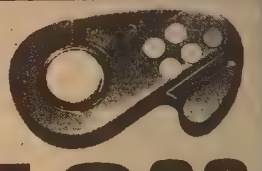

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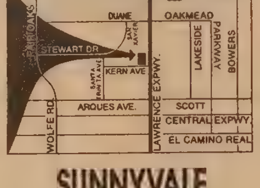
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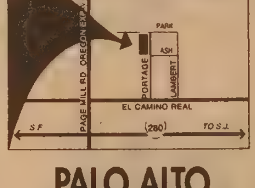
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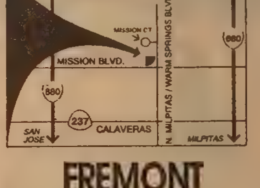
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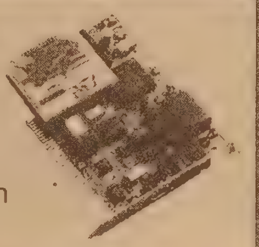

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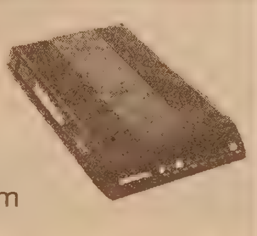

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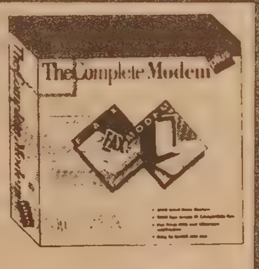
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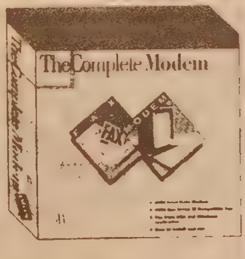
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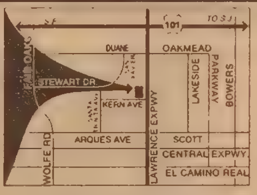
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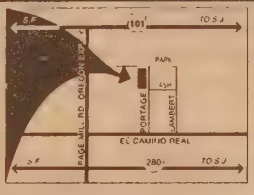
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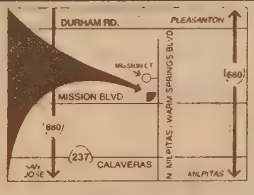
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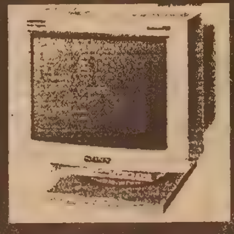

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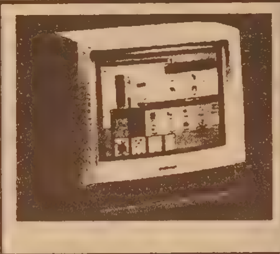

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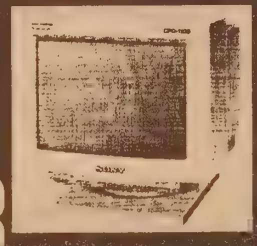

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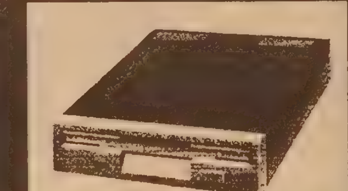

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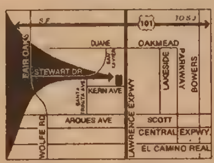
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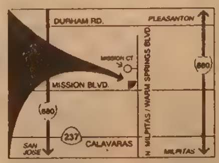
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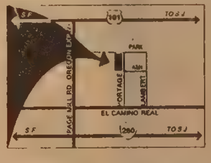
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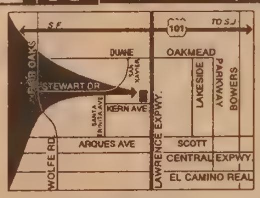
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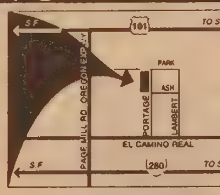
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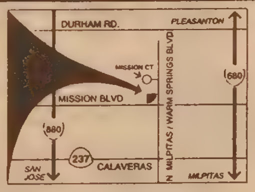
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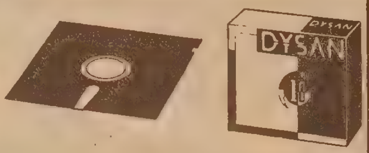

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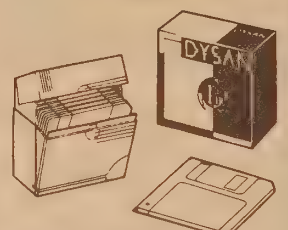

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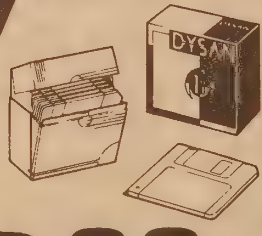

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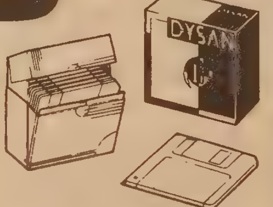

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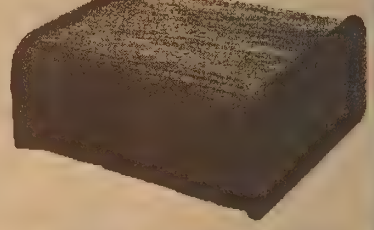

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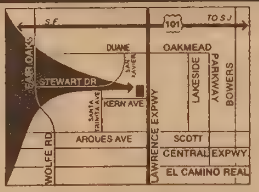

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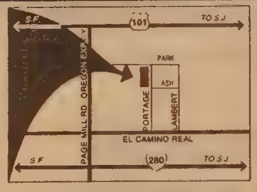

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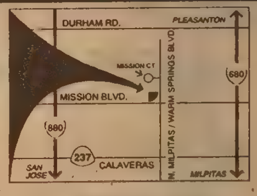

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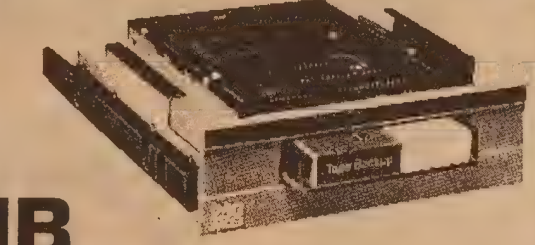

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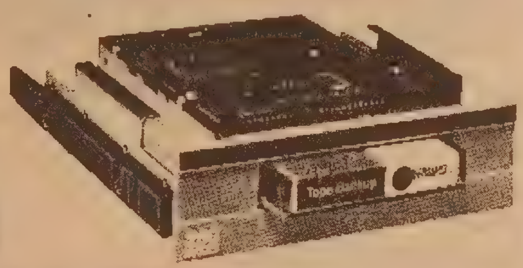

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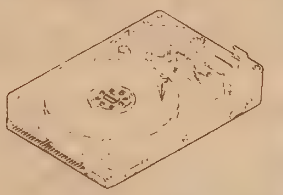

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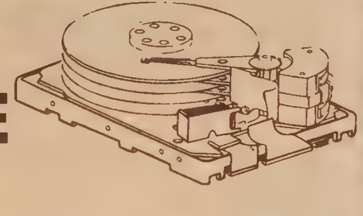

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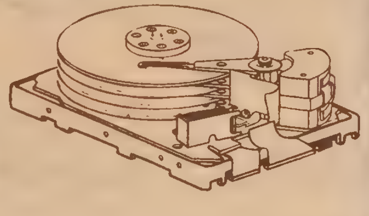

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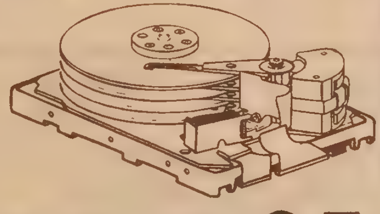

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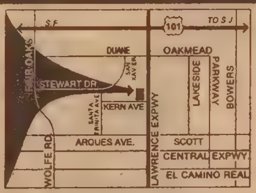
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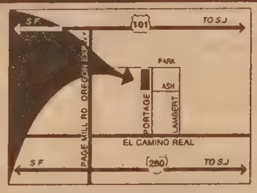
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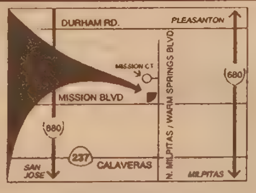
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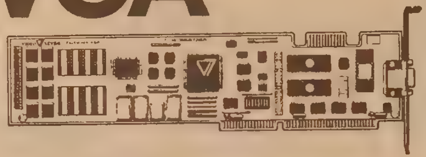

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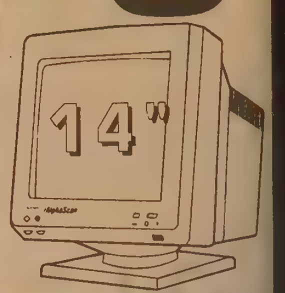
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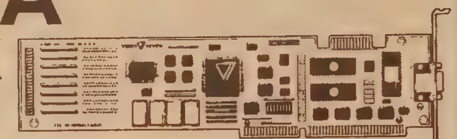

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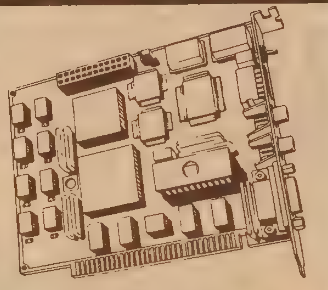

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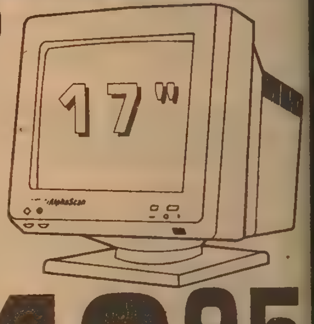
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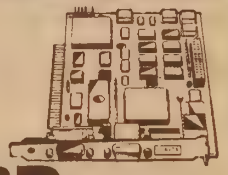

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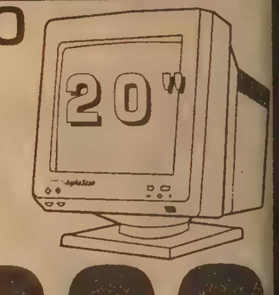
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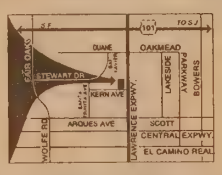
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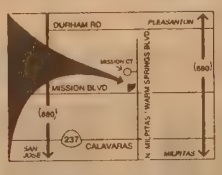
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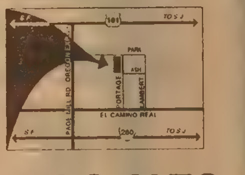
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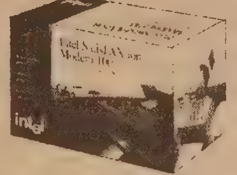

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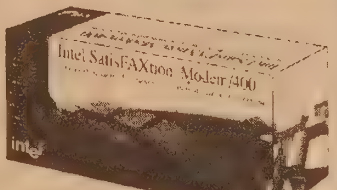

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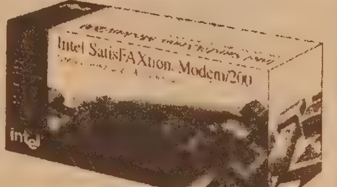

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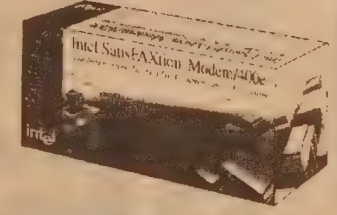

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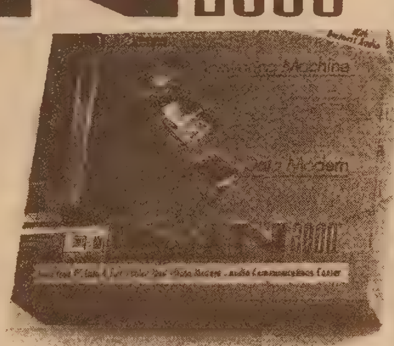

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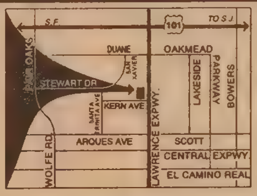
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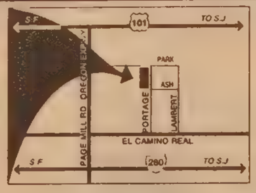
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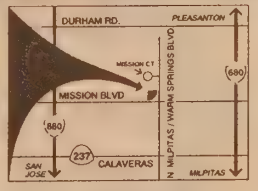
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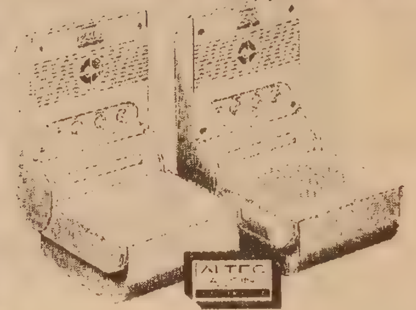

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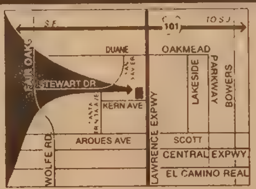
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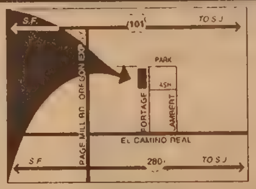
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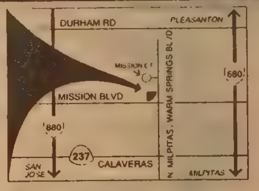
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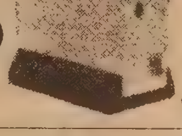

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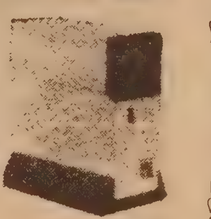

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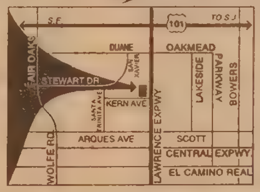
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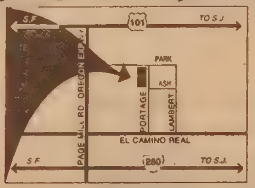
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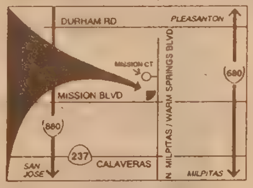
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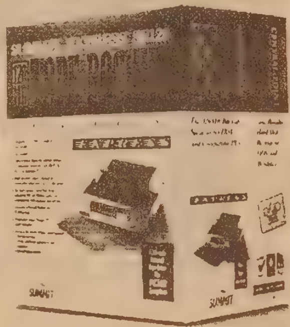

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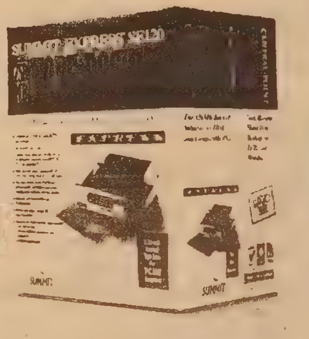

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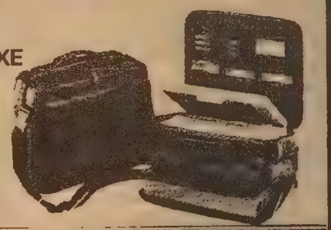

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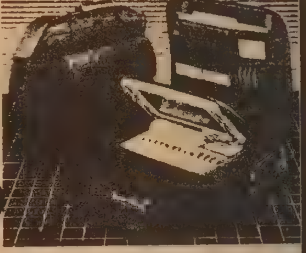

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4 fully lined document sections in addition to a padded computer compartment. The zippered portfolio section features velcro-secured disk pockets, pen/ pencil and business card holders, twopockets for miscellaneous items, a snap-on key ring and a pouch for your glasses.

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The Business Traveler's fully-lined and padded luggage section features see-through mesh accesory pouches, elastic retaining strap, and the padded computer/printer compartment features an adjustable divider, retaining straps and full-sized document pockets and a whole lot more.

All for only...

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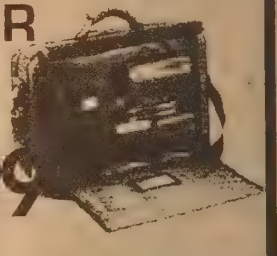

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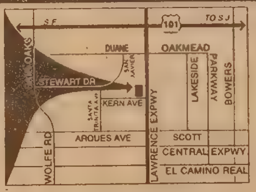
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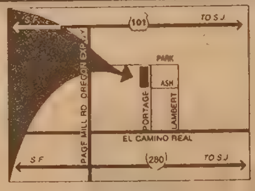
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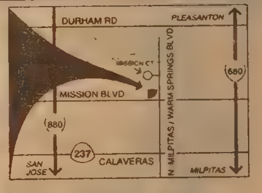
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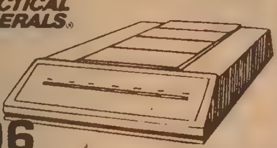

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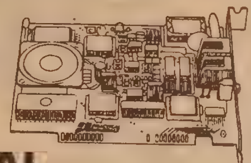

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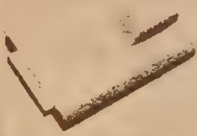

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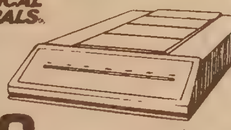

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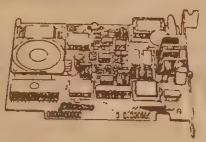

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V.32 BIS up to 57,600 BPS W/DATA Compression
V.42B 9600B Fax Send and Receive

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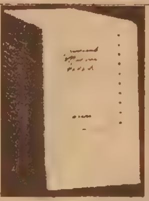

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A. Full Duplex 14,400 BPS, CCITT. V.32 Bis V.32, V.42,V.42Bis, Error Correcting Data Compressing Stand Alone Modem Lifetime Guarantee- Factory Repair or Replacement

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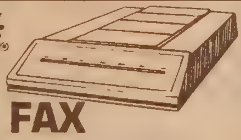

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The intelligent 2400 bps internal half-card modem with V.42 error control and V.42bis data compression.V.42 error detection/correction and V.42bis data compression, supporting LAPM and MNP protocols. Automatic adaptive equalization Cuts down on errors 0-300, 1200 and 2400 bps operation.

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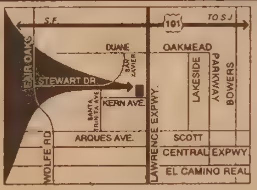
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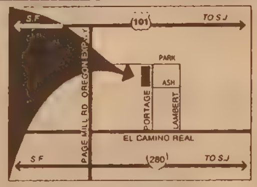
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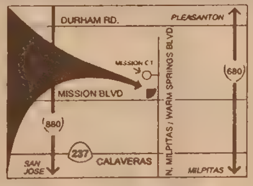
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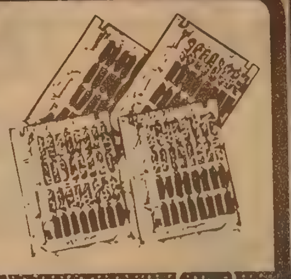

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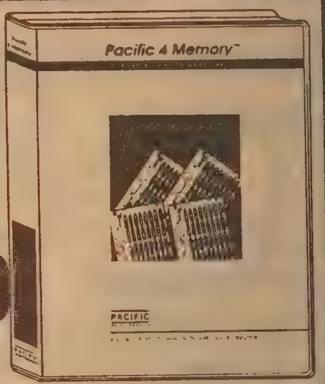
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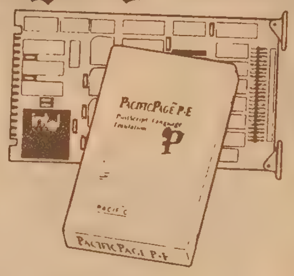
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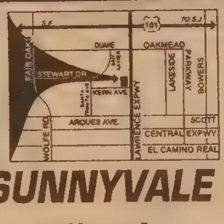
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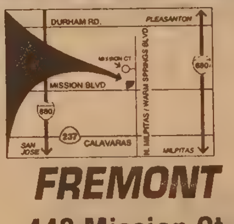
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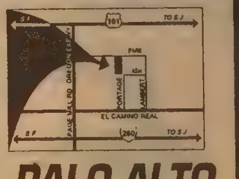
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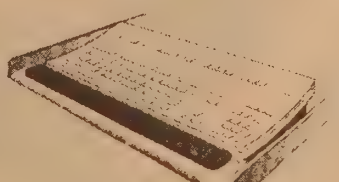

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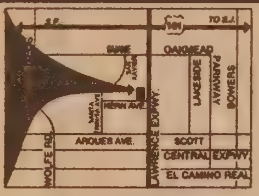
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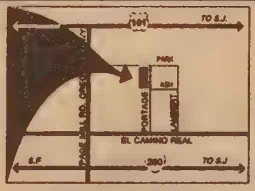
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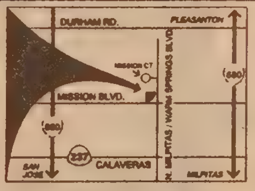
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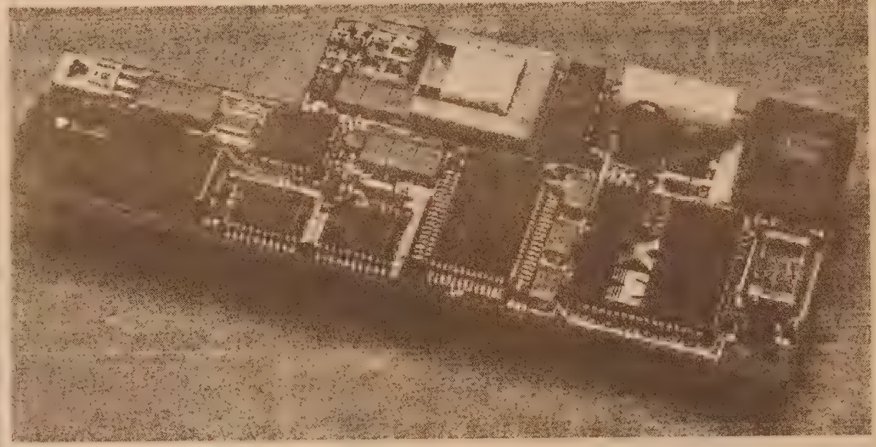

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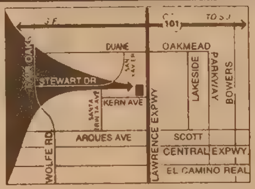
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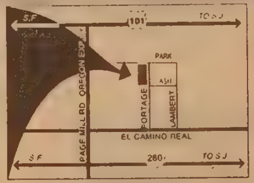
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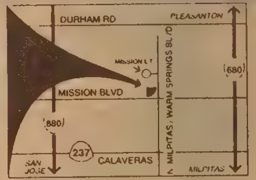
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7 DAYS A WEEK!

Fry's Service departments are open weekdays and weekends during regular store hours to provide you with complete Depot, On-Site and telephone technical support.

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AT ANY OF FRY'S 3 SUPERSTORES

A) No deductible or hidden charges.
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D) Equipment repaired within 24 hours or loaner equipment will be provided.

Only $75/year on a 2 year Loaner Plan for a system costing $999

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IF YOU DIDN'T BUY IT FROM FRY'S...

See us anyway!

We offer extended service protection on systems and printers purchased elsewhere. Bring your equipment into one of our three service departments and let Fry's courteous service technicians assist you in determining your computer service needs.*

* Subject to minimal evaluation & diagnostics fee to determine qualification for coverage.

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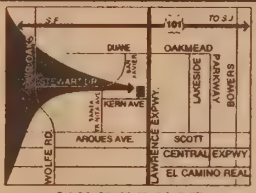

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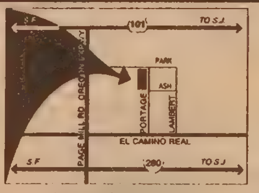

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KEEP IN TOUCH DURING THE HOLIDAYS WITH THESE BEST BUYS FROM FRY'S

CORDLESS PHONE

This stylish, cordless phone comes with signal paging, last number redial, security lock and noise reduction circuitry for the unbelieveable price of only...

Limit one per family No sales to dealers or resellers

MODEL
CL-44N
#1670664

$\$39^{95}$

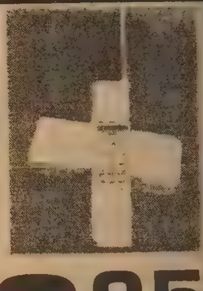
Panasonic CORDLESS TELEPHONE W/ ONE-TOUCH REDIAL

If you're in the market for a cordless phone, it doesn't have to cost you a fortune! This new model has 7 day standby, a retractable flexible antenna and handset paging.
In stock now...

Model
KX-T3620
#1511378

$\$59^{95}$

NORTHWESTERN BELL 10 CHANNEL CORDLESS PHONE

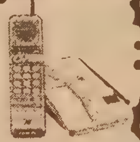


From Northwestern Bell comes the newest addition to our cordless phone selection, the Excursion 3110C. With 10 channel capability, flash, last number redial, replaceable rubber antenna , receiver Hi/Low volume control, and compander Noise reduction circuitry, you won't find a better value at only...

MODEL
3110
#1736201

$\$69^{95}$

Panasonic 10 CHANNEL CORDLESS PHONE

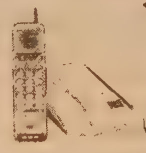


Most cordless phones have a very short battery life, but this one can last up to 7 days in the standby mode! Add a flexible antenna, 10 channels, paging and you have an excellent value at...

Model
KX-T3705
#1694996

$\$79^{95}$

Panasonic 10-CHANNEL CORDLESS SPEAKERPHONE



Panasonic's Advanced Sound Changer technology and 10-channel access sharpens mobile sound quality! This unit has enhanced battery standby life, automatic intercom, 2-way paging, a 10-number memory and last number redial.

Model
KX-T3730
#1511404

$\$119^{95}$

Panasonic CORDLESS PHONE ANSWERING SYSTEM

This new top of the line cordless answering system with sound charger technology delivers sound so clear, you will hardly believe your ears! Some of the features included are, 2 way paging, intercom, auto security system, message alert, 2-way and memo recording just to name a few. Now only...

MODEL
KX-T4300
#1638486

$\$149^{95}$

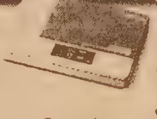
Panasonic 2-LINE 10 CHANNEL CORDLESS PHONE WITH SPEAKERPHONE

The KX-T3980 is one of the most versital phones Panasonic has ever developed! When you combine the convenience of a cordless phone with the flexibility of a 2-line capability along with speakerphone,

Model
KX-T3980
#1671595

$188

Panasonic ANSWERING MACHINE

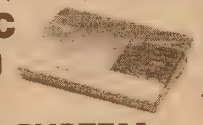


Answering system with Auto-Logic Operation, Tone Remote Control, Digital Display, Message Memo Recording and Remote turn on, Auto-Logic Operation Automatically Rewinds, Plays Messages, Stops at the Last Message and Resets itself at the Touch of One Button.

Model
KX-T1000
#1498194

$\$39^{95}$

Panasonic DUAL MICRO CASSETTE ANSWERING SYSTEM

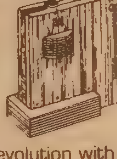


Panasonic's new daul micro cassette answering system offers an LCD Call Counter, marker message, room monitor, auto disconnect, electronic auto disconnect, electronic volume control, audible message alert, and much more for only...

Model
KX-T2100
#1740208

$\$69^{95}$

AT&T DIGITAL ANSWERING MACHINE



Now you can join the digital revolution with AT&T's totally digital answering machine! This unit has no moving parts! It has a digital message counter, beeperless remote, super digital sound quality and time/day stamp!

1339
#1708983

$109

Southwestern Bell Freedom Phone SELF-INSTALLABLE 4-LINE BUSINESS SYSTEM

This multi-functional 4-line business system is the perfect complement to your already existing system. With features that include speakerphone, conference calling, intercom and call waiting, you can't afford to be without one! Now only..

Model
FT-412
#15105151

$\$149^{95}$

CASIO BUSINESS ORGANIZER SCHEDULING SYSTEM

The Casio business organizer scheduling system delivers 64KB memory and a wide screen display that will be as soothing to your eyes as it will be to your pocket book!

Model
SF-9500
#1531167

$\$149^{95}$

MOTOROLA CELLULAR TOTE PHONE

This new addition to the Motorola family of cellularphones offer 30 number memory and 3 full watts of power for only...

Authorized
GTE Mobilnet
Sales Representatives
Mr Rescue™ service
Ask for more details

MODEL
S-2826
#1666944

$\$199^{95}$

HEWLETT PACKARD *Authorized Dealer* PLAIN PAPER FAX MACHINE W/256 KBYTES OF MEMORY

This plain paper fax offers 256 Kbytes of memory, a 20 page document feeder, 32 gray scale levels, 100 page capacity with easy front reloading, 12 page memory, plus many more outstanding features for only...

MODEL
HP-FAX 200
#1684225

$997

AT&T VIDEOPHONE 2500

AT&T'S revolutionary videophone is here! Using your existing phone line you can place calls to another videophone and the cost of the call will be the same as a conventional phone call! Features include: Speakerphone, 12 Number Memory, Full Color, Motion Video using an LCD Screen, a Swivel Camera (For scanning your room), Brightness and focus adjustments, and a lightweight portable design. Own the future today for only...

MODEL 2500
#1739385

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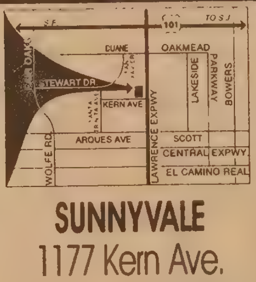

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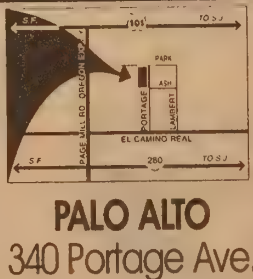

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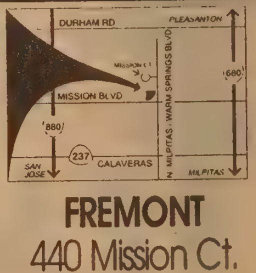

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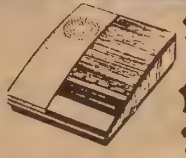
ANSWERING MACHINES **CORDLESS PHONES** **CORDLESS PHONES W/ANSWERING MACHINES** **DIGITAL DIARIES**

AT&T



ANSWERING MACHINE WITH BEEPERLESS REMOTE

From the Number One maker of telephone products comes this answering machine. It has beeperless remote control, voice activation, ring select and much more!

Model
1306
#1569315

$39.95

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GE We bring good things to life

DIGITAL SECURITY CORDLESS TELEPHONE

Leave it to GE to produce a quality cordless phone at a very affordable price. With a factory set digital security system that prevents false rings from other cordless telephones, last number redial, automatic standby, and low battery tone indicator, you can't beat this value at only...

Model
2-9510
#1674314

$47.95

SONY.

10 CHANNEL CORDLESS PHONE w/ ANWERING MACHINE

This innovative product from sony actually combines a ten channel cordless phone with a full featured answering machine in one sleek package. Features include 256 security codes, 7 day stand-by, compander noise reduction and remote message retrievel.

Model
SPP-A20
#1714074

$169.95

CASIO

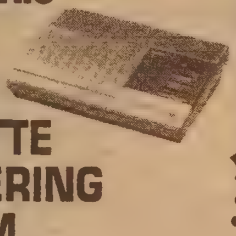
DIGITAL DIARY 32K W/COMPUTER LINK CAPABILITY

Why carry around a calendar and schedule book, telephone directory and notebook, when you can do it all and more with this new digital diary from Casio.

Model
SF-4300
#1647189

$69.95

Panasonic



DUAL MICRO CASSETTE ANSWERING SYSTEM

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Model
KX-T2100
#1740208

$69.95

NORTHWESTERN BELL PHONES

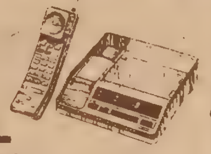
10 CHANNEL CORDLESS PHONE

From Northwestern Bell comes the newest addition to our cordless phone selection, the Excursion 3110C. With 10 channel capability, flash, last number redial, replaceable rubber antenna , receiver Hi/Low volume control, and compander Noise reduction circuitry, you won't find a better value at only...

MODEL
3110
#1736201

$69.95

AT&T



10 CHANNEL CORDLESS W/ANSWERING SYSTEM

You will be amazed at clarity of this AT&T cordless phone! By incorporating clarity plus circuitry with AT&T Bell Lab 5 design, the result is corded sound quality that virtually eliminates static! Now only...

Model
5600
#1605510

$199

CASIO

BUSINESS ORGANIZER SCHEDULING SYSTEM

The Casio business organizer scheduling system delivers 64KB memory and a wide screen display that will be as soothing to your eyes as it will be to your pocket book!

Model
SF-9500
#1531167

$149.95

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ALL DIGITAL TELEPHONE ANSWERING SYSTEM

G.E's newest telephone answering machine offers 10 Minutes of record time digital message counter, voice time/day stamp, auto disconnect, selective save message, and 12 number memory, an excellent investment at...

DIGITAL TAPELESS RECORDING

Model
2-9831
#1743555

$89.95

SONY.

10 CHANNEL AUTO SCAN CORDLESS PHONE

Why buy a cordless phone that will give you static? If you hear static on this phone, don't worry. Just change channels. You have 10 channels to choose from, and the battery will last for 7 days in standby!

Model
SPP-115
#1527931

$128.95

Panasonic

10 CHANNEL CORDLESS SPEAKERPHONE w/DUAL MICROCASSETTE

This new top of the line cordless dual microcassete answering system with sound charger technology delivers sound so clear, you will hardly believe your ears! Some of the features included are, 2 way paging, intercom, auto security system, message alert, 2-way and memo recording just to name a few. Now only...

Model
KX-T4400
#1735370

$229.95

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Authorized Dealer

HP-95LX PALMTOP COMPUTER

This amazing new palm top computer has Lotus 1-2-3, Word Processor, Data Base, Appointment Scheduler and more. Truly an incredible product, supply is limited. Get yours now for only...

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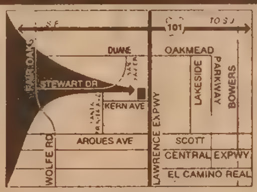

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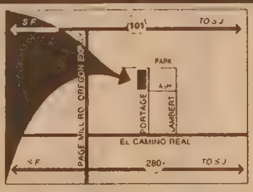

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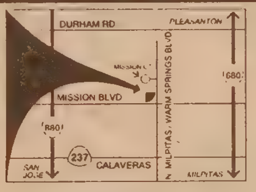

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Heatsink and fan combines to cool your Intel 486 CPU. Easy to attach with thermal adhesive (supplieD)

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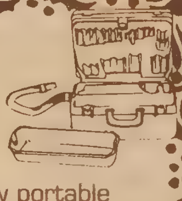

1HP High efficiency portable vacuum. Ideal for cleaning sensitive equipment

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TWISTED PAIR PATCH CORDS FOR DATA 14ft. SILVER SATIN

$2.25

MODEL DC-504P-14SV
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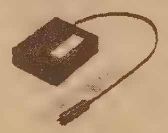
LINKSYS **Power2GO**

200 WATT DC-to-AC INVERTER

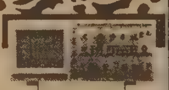


Input Voltage: 10 to 15 volts DC
Output Voltage: 110 volts AC
Power: 200 Watts Continuous
350 Watts Peak

$99.99

Model L03040
#1674059

GoldStar



20MHz OSCILLOSCOPE

w/1MHz FUNCTION GENERATOR with TTL output. This unique combination is a tremendous value

$489

Model OS9020G
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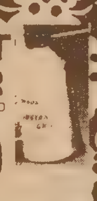
TECH SPRAY.

INSTANT CHILLER



Cool components during mounting to prevent heat damage

$3.99

15oz
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TECH SPRAY.

BLUE SHOWER

$7.99

22 oz. can
TS-1657-22
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COAXIAL CABLE

BELDEN RG58/U SOLID 8240 - 500'
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Designed to convert 220/240 voltage to standard 110/120 voltage for appliances up to 50 watts.

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F-11
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FOREIGN VOLTAGE TRANSFORMER

220V AC & REVERSABLE 100WATT TRANSFORMER COMES WITH CORD

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MAXTEC INTERNATIONAL CORP.

20MHz DUAL TRACE OSCILISCOPE

This Quality 20MHz Scope is ideal for the hobbyist and electronic enthusiast of all ages.
1mv/Div sensitivity/calibrated
18 step time base with x10 magnification
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DC POWER SUPPLY

Output 18Volts DC C/O lamp
Load Regulation: 5mV • Line Regulation: 5mV
Ripple:300uV Rms • Compact size
Adjustable output voltage and current limit.
Overload protection
Model GP-103 #1742255

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MODEL 37 DIGITAL MULTIMETER

Highly advanced state of the art DMM. 4000 count, 3 3/4 Digit meter with .3% basic accuracy. True Rms, Min/Max, Data Hold, Relative Measurement, Frequency Counter, Capacitance + Temperature Measurement. ***Free Boot with purchase of meter!!***
Model 37 #1742369

$99.95

DREMEL VARIABLE SPEED MOTO-TOOL KIT

- Model 395 variable speed Moto-Tool (5,000-30,000 RPM) allows user to select the right speed for the job.
- Ball bearing motor construction reduces friction for longer motor life.
- Tapered housing shape for comfortable finger tip control.
- Double insulated motor, no grounding required.
- 6ft. two wire coil cord is compact for convenient storage in kit box. No Adapter plug needed.
- Thrust bearing for greater drilling capability.
- Keyless chuck for fast replacement of bits, up to 1/8" shank sizes. Also uses collets from 1/32" to 1/8" for fine control.

Model 3950 #1740460

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CONTROLLED OUTPUT SOLDERING STATION

3 temperature ranges 600° F (315° C) 700° F (371° C) & 800° F (427°C).
Power unit with unitized on-off rocker switch with indicator light. • Safe for IC Soldering
Storage tray for extra tips. • Tip cleaning sponge.
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Wiha

BITS SELECTOR

- Light weight, compact, durable, plastic holder
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- Molded hex cavity turns box into handle for quick fastening jobs.
- Includes Magnetic adapter/extender for power tool use.

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MAGNIFIER LAMP

22W Circline fluorescent. 34" reach, clamp-on labp, 3 diopter, 5" dia. lens. 3-conductor cord. Convenience electrical outlet on back of ballast.
Model IM10A BLACK #1733600/WHITE #1693205

REG. $119.99

$99.99

LEDU®

INFINITY HALOGEN LAMP

50W high efficiency halogen bulb. 24" arm has exclusive "floating" movement for easy positioning.High/low switch. Matte with red accents.
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REG. $159.99

$99.99

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19" TOOL BOX

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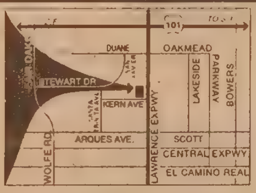

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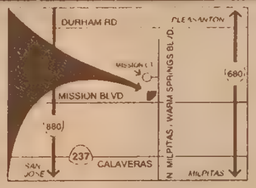

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Continued from page 156

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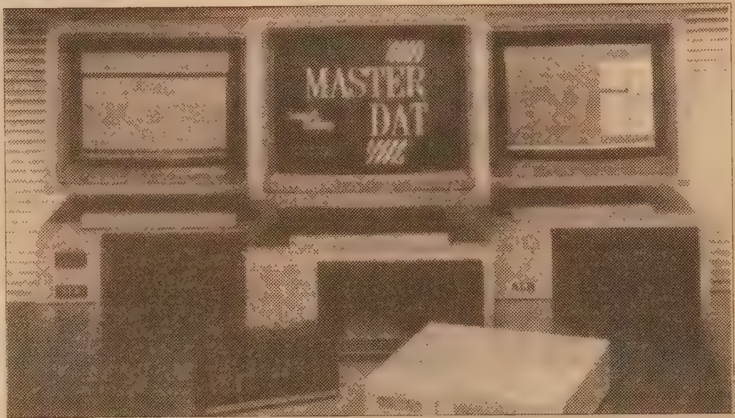
CURSOR DELUXE FOR WINDOWS

Cursor Deluxe, which comes bundled with a companion program, Cursor Designer, is a Windows utility that allows users to replace, create, animate, and edit screen cursors including the arrow cursor, the wait cursor, the I-beam cursor, and the Windows re-sizing cursors. Cursor Deluxe substitutes larger, filled-in shapes that are easier to see and more creative than standard Windows cursors. There are more than one hundred images for replacement ranging from jet fighters to pointing dogs. The user selectable hot key quickly turns the program on or off from the keyboard. Cursor Designer offers users the ability to edit existing cursors or design personalized creations. It also provides the ability to animate cursors. ($39.95) MicroSpeed, Inc., 44000 Old Warm Springs Blvd., Fremont CA 94538. 1-800-232-7888.



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MasterSafe Enterprise, high-performance tape backup software, backs up and restores multiple LANs and WANs. Using communications technology designed to comply with Novell's Storage Management Services (SMS) architecture, MasterSafe backs up data over ArcNet, Token Ring, Ethernet, and Fiber Optic topologies as well as over other carriers such as T1s simultaneously. Network backups and restores are performed to a Tape Station on the network, rather than at a file server or workstation. ($2995) GigaTrend, Inc., 2234 Rutherford Rd., Carlsbad, CA 92008. (619)931-9122.

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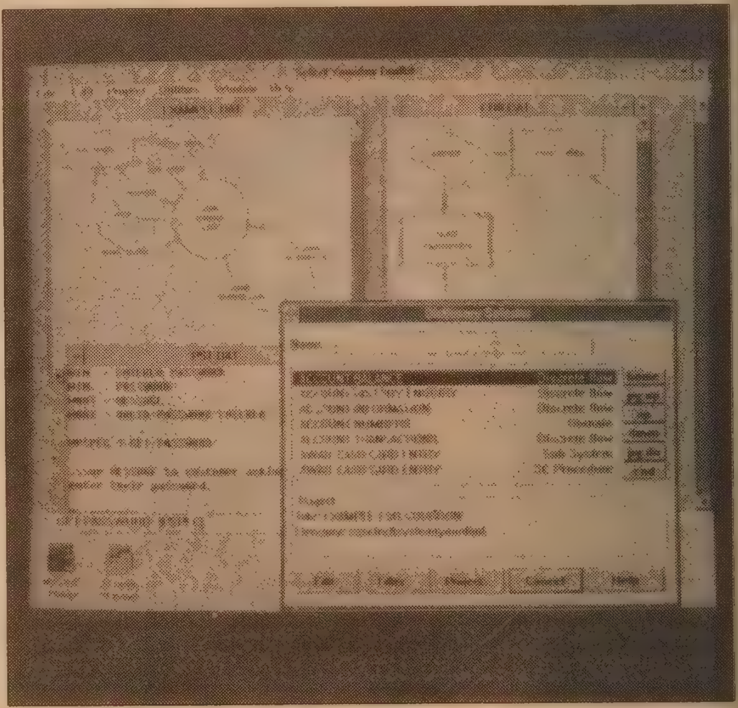

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Open Select is a fully integrated CASE toolset for requirements, structured analysis, and design of real time, MIS, and OOD applications under Windows. More than just a drawing tool, Open Select for Windows provides the ability to display multiple diagrams, multiple output formats, integrated rules checking, vertical and horizontal, an integrated data dictionary, and supports Microsoft's enhanced graphics features. Sold as individual modules, this software package further reduces the cost of entry for the implementation of structured design and analysis. (Single-user systems are priced at $495) Meridian Software Systems, 10 Pasteur St., Irvine, CA 92718. (717)727-0700 ext. 235.

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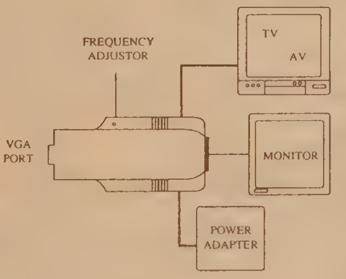

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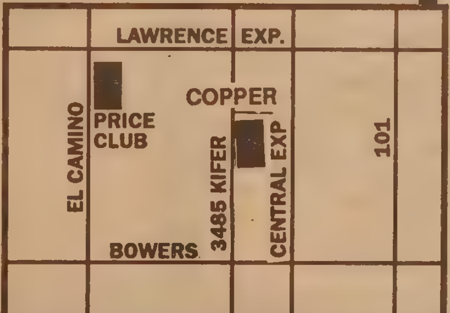

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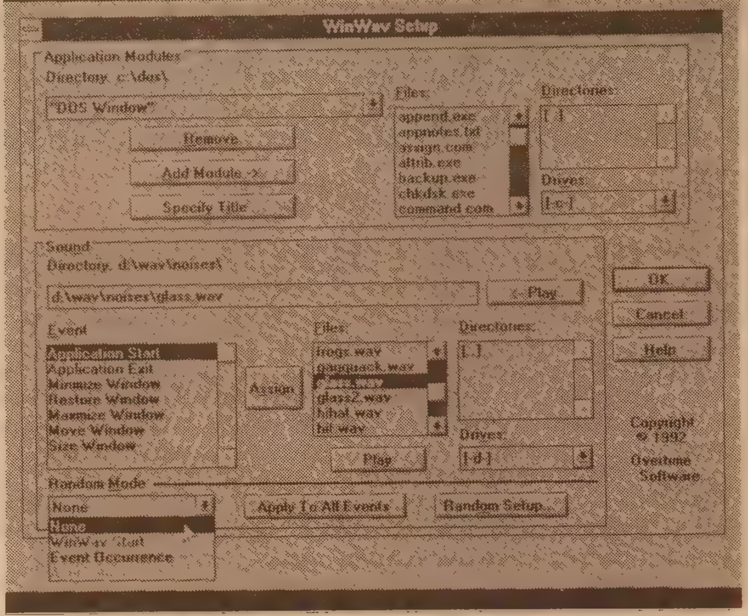

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append.exe
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[..]
[-c-]

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Application Start
Application Exit
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Event Occurrence

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ORACLE POWEREDIT V2.0

PowerEdit v2.0 is a writing tool that moves beyond grammar checking to focus on the effectiveness of your writing. Seamlessly integrated into WordPerfect for Windows, after choosing PowerEdit from the WordPerfect Tools Menu, you edit and correct your WordPerfect document, not an unformatted copy via the clipboard. Version 2 features a powerful and intuitive new interface and enhanced linguistic capabilities. It also analyzes your paragraphs, commenting on your writing as a whole. ($139) Oracle Corp., 1-800-800-4254.

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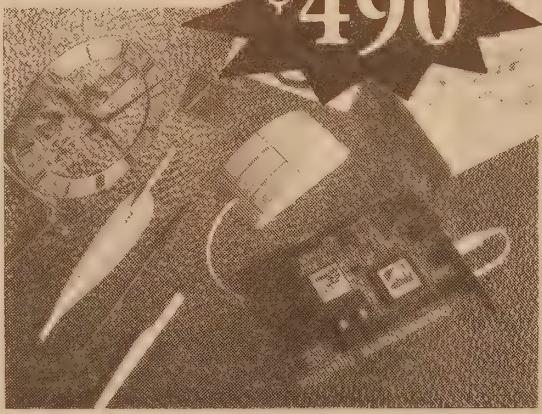

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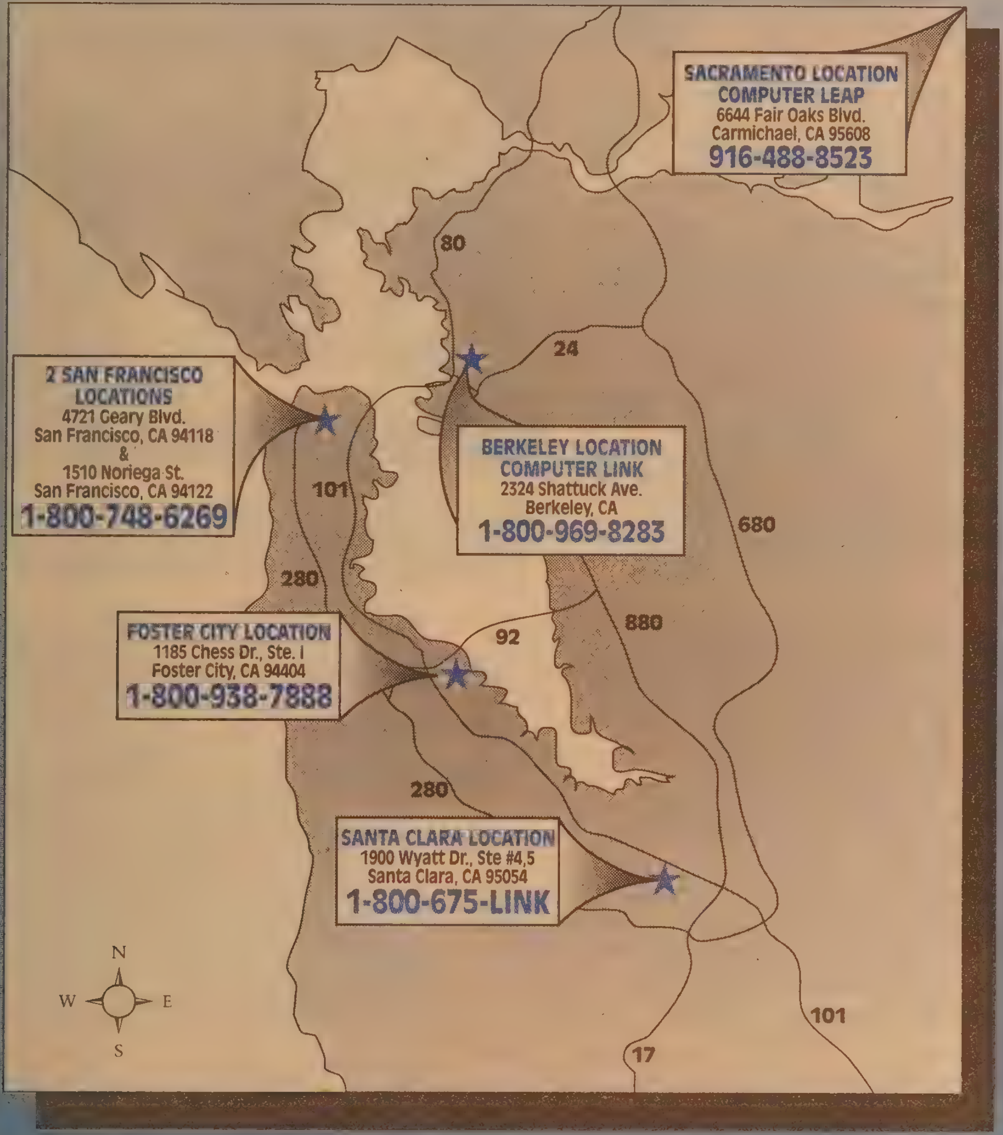

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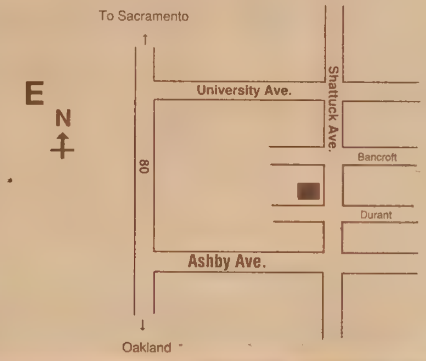

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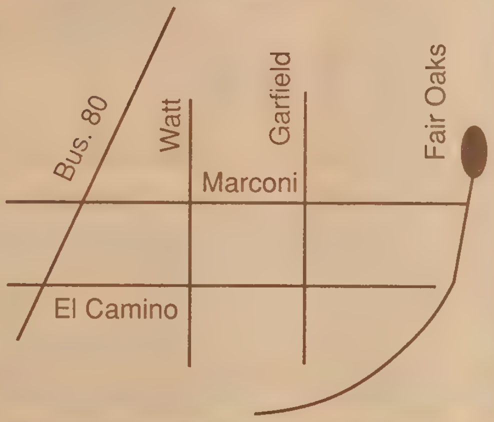

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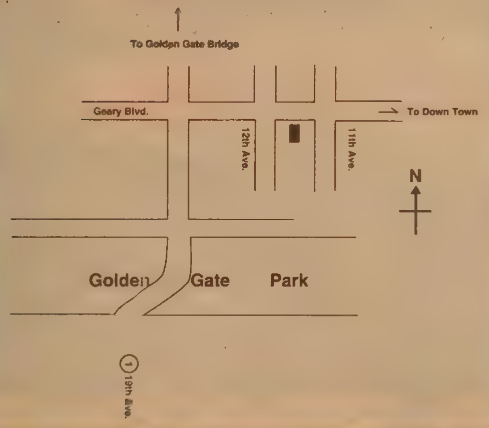

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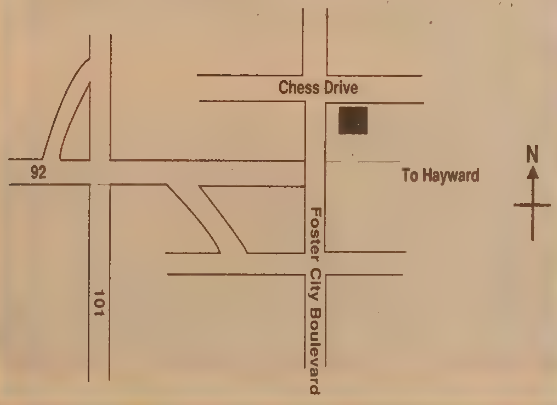

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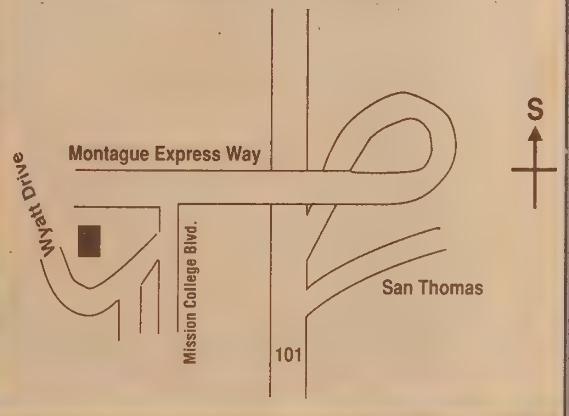

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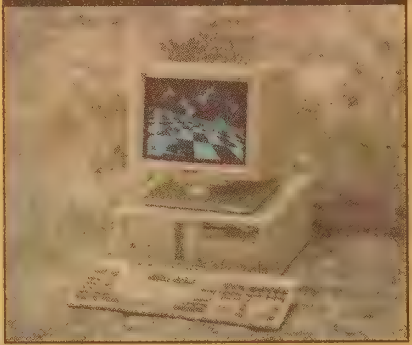

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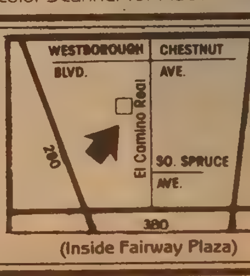

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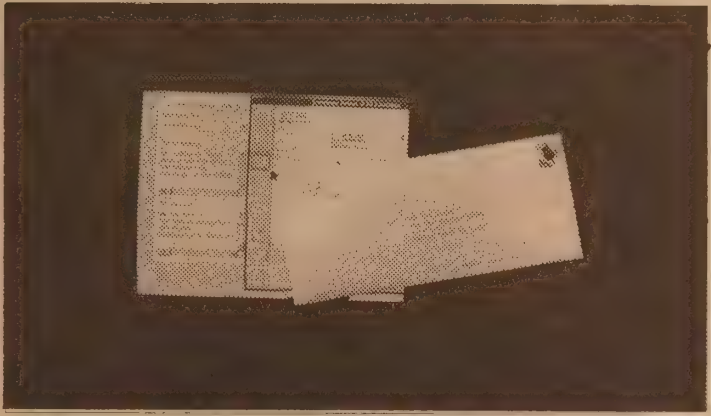

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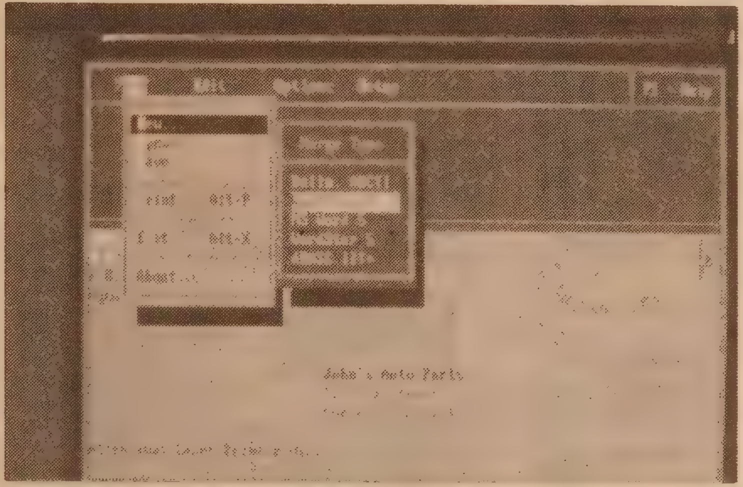
LASER ENVELOPES RELEASE 3.2

Laser Envelopes Release 3.2 is a straightforward software utility that makes it simple to print envelopes on HP-compatible laser printers with a variety of fonts. Release 3.2 adds support for PostScript printers and postal bar codes. These new features, combined with Laser Envelopes' mail-merge capabilities, allow users to print high-quality envelopes for a single envelope or an entire direct mail campaign. Users can enter addresses in several ways. They can simply type an address into the program, capture the address from the screen of another application using the address grabber, or have the program read mail merge files. Laser Envelopes will locate the zip+4 in the mailing address and print the bar code according to US Postal Service specifications. ($59.95) E.R.M. Assoc., 29015 Garden Oaks, Court, Agoura Hills, CA 91301. 1-800-288-ERMA.



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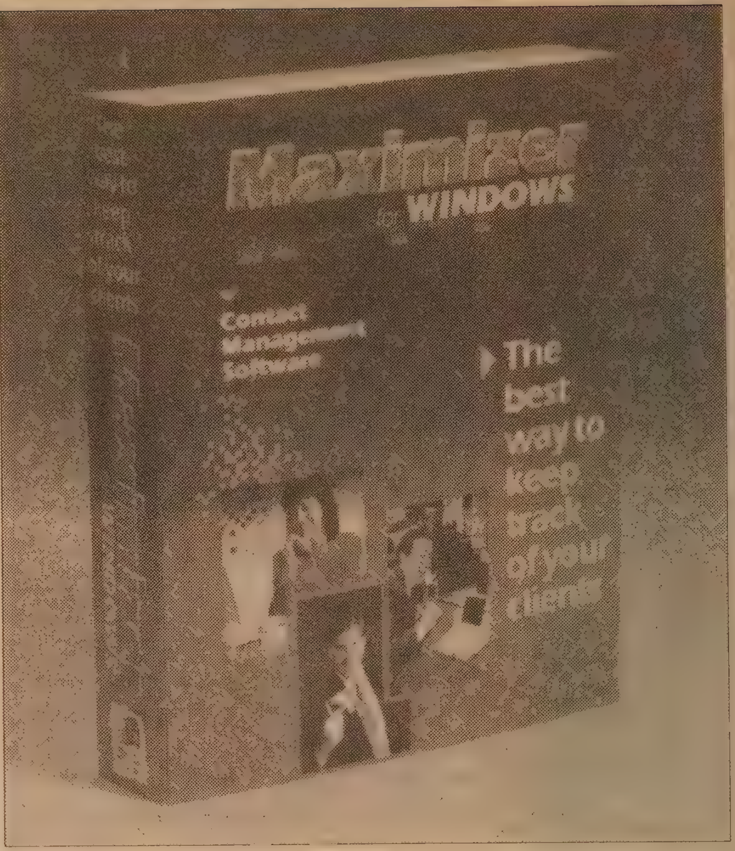
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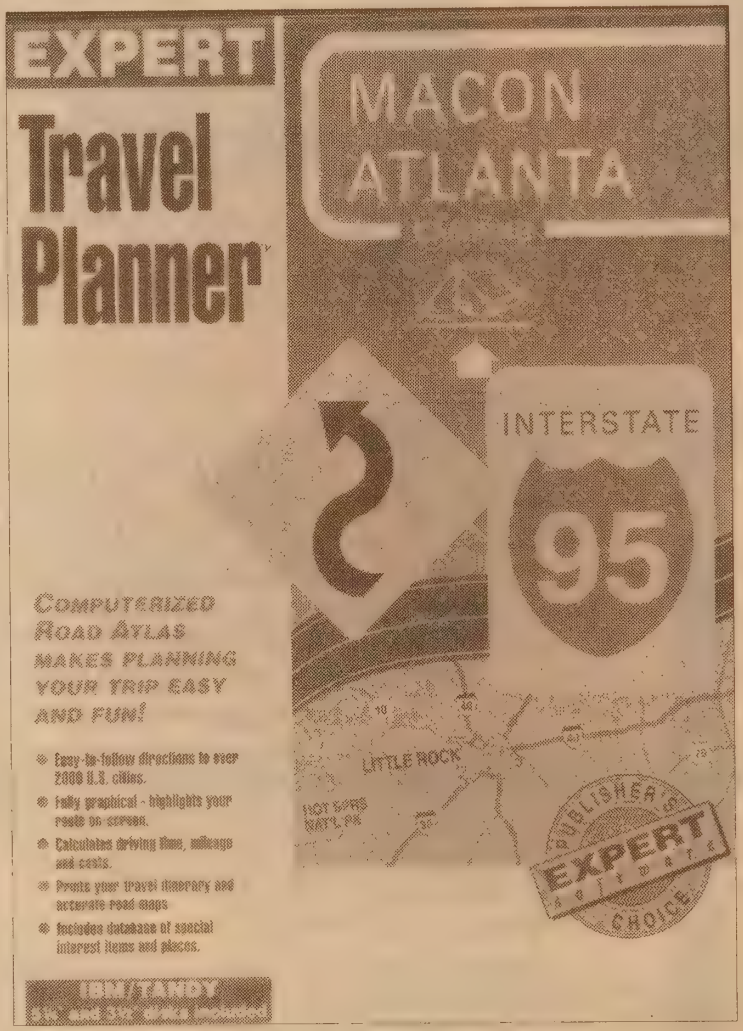
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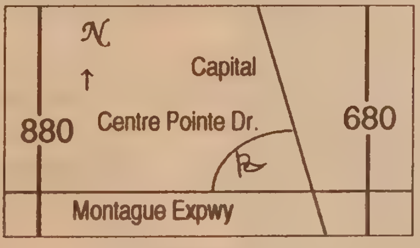

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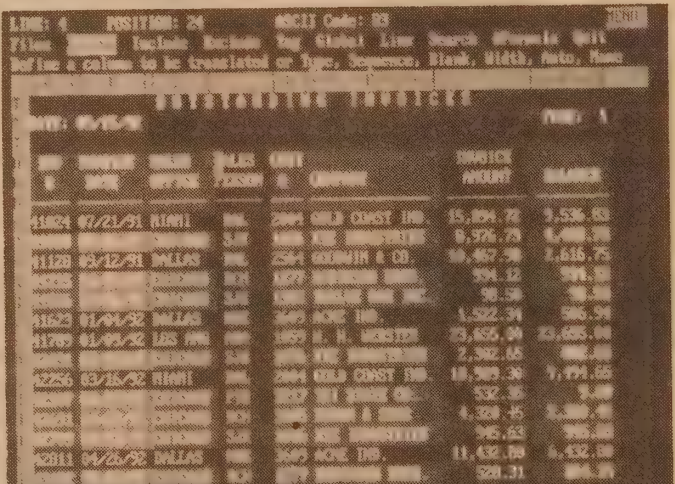

AutoImport offers quick, easy, and accurate data translation between mainframe and PC software applications, completely eliminating data compatibility problems. It supports Lotus 1-2-3, Excel, Quattro, dBASE, and many other file formats. AutoImport translates only the data selected by the user, and can handle unwanted control characters, commas, percent signs, dates, and other symbols. It works with an ordinary report file downloaded as a disk file via any host-to-PC file transfer, terminal emulation program, or network connection. AutoImport can also work with other PC applications such as accounting programs and uses a Lotus-like menu structure and command set. ($189) Spalding Software, Inc., 154 Technology Pkwy., Suite 250, Norcorss, GA 30092. (404)449-1634.

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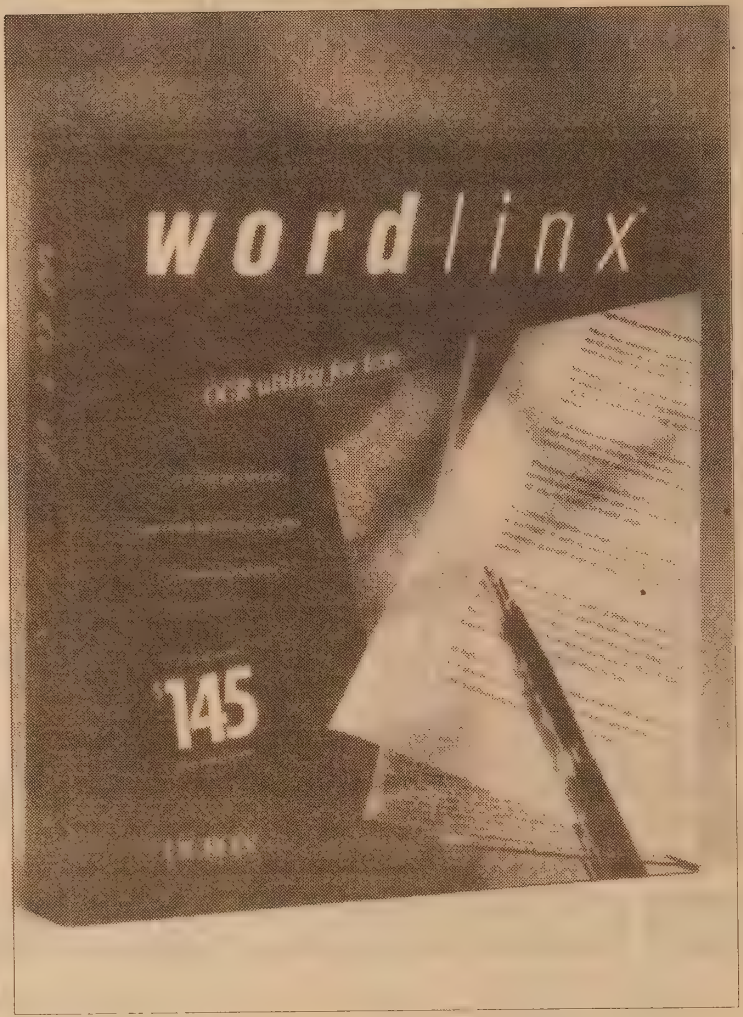
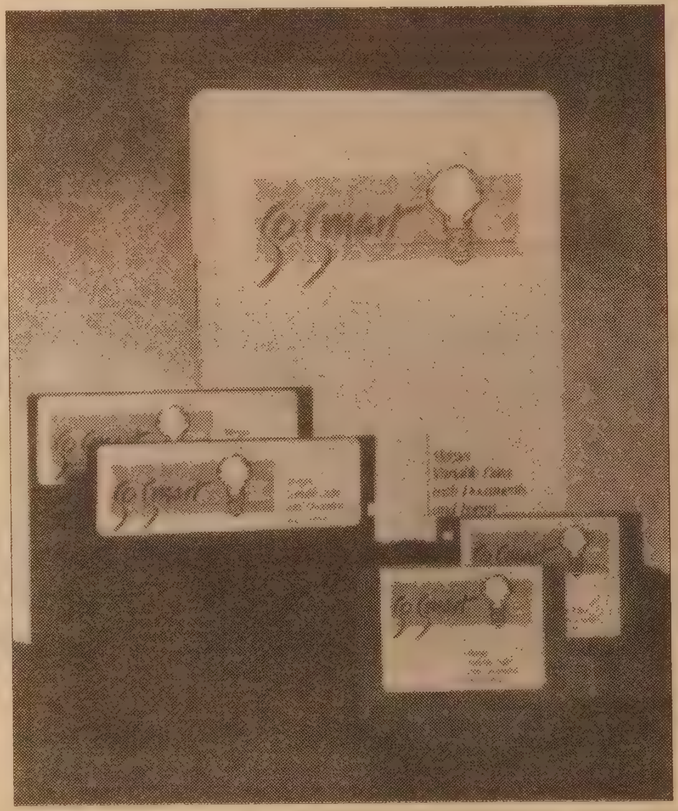


OCRON WORDLINX 1.0

Wordlinx 1.0 OCR software provides users with a unique blend of simplicity, professional-level capabilities, and a low price. It functions as a menu item in Windows-based word processors and applications. OCR is performed through a single menu in an open file, enabling users to scan a document, complete character recognition, and insert scanned text without exiting the active application. High-end features provided in the program include the ability to recognize and transfer format features such as columns, tabs, and paragraphs along with text attributes such as underlining, bold face, italics, kerning, ligature, and font size. Other features include full omnifont capability, the ability to recognize eleven European languages, and to read draft-quality dot matrix print. ($145) Ocron, Inc., 3350 Scott Blvd., Bldg. 36, Santa Clara, CA 95054. 1-800-933-1399.

SOSMART

SoSmart is a document assembly program that merges variable data with boilerplate texts and forms to create an unlimited number of customized documents. Typical uses include creating mortgages, loan applications, insurance, medical, and legal documents, grant requests, and benefits packages. To create a customized information package, SoSmart uses variable data that is either manually entered or automatically retrieved from any application or database on a PC, Macintosh, mainframe, or mini with which it is linked. Once variables are selected, the user chooses the boilerplate texts and forms to be included in the document package. These boilerplates are created in WordPerfect 5.1 and any standard electronic forms program. It also allows the creation of dynamic forms, where the boilerplate expands or contracts depending on the length of the variable information. ($750 for a single user, $995 for a LAN version) Computer SI Corp., 49 Day St., S. Norwalk, CT 06854. (203)855-0101.



MULTIMEDIA STUDIO

Multimedia Studio is designed to give mainstream PC users all of the tools required to create and distribute professional self-running multimedia slide show presentations. In almost no time, screens, combining text with photo quality images, digital quality sound, and motion picture quality video and animation can be created and then linked together into stunning multimedia slide show presentations. This offers an excellent way for non-programmers to enter into multimedia. Once presentation screens have been created, Multimedia Studio's built-in presentation manager helps users create self-running multimedia slide shows in just a matter of minutes. It also provides an integrated dBASE III+ compatible database for the management of presentation screens and multimedia files. (290) Vision Imaging, Inc., 10231 Slater Ave., Suite 112, Fountain Valley, CA 92708. (714)965-7122.

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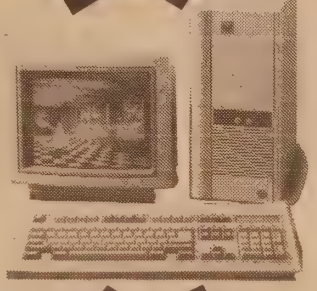

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◊ 512 KB SVGA Card
◊ 3 Button Mouse
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•486DX-50 (256K C)	$1470
•486DX2-66 (256K C)	$1580
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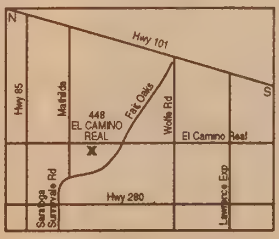

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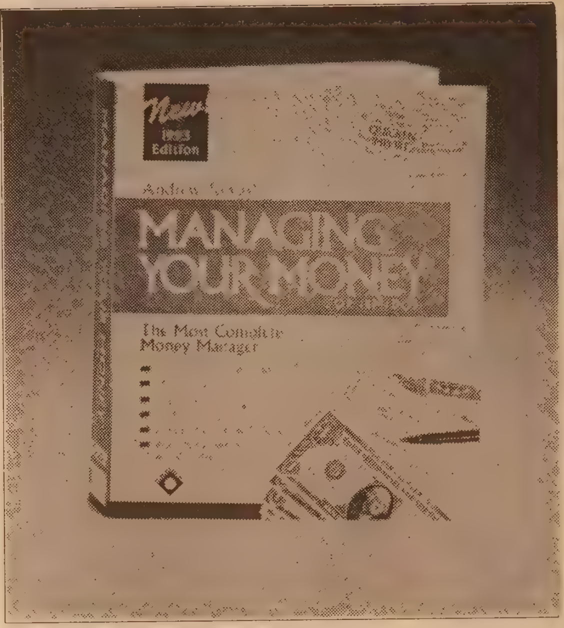
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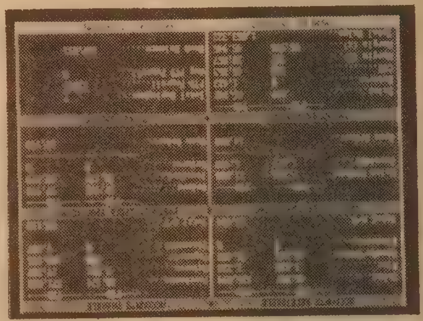
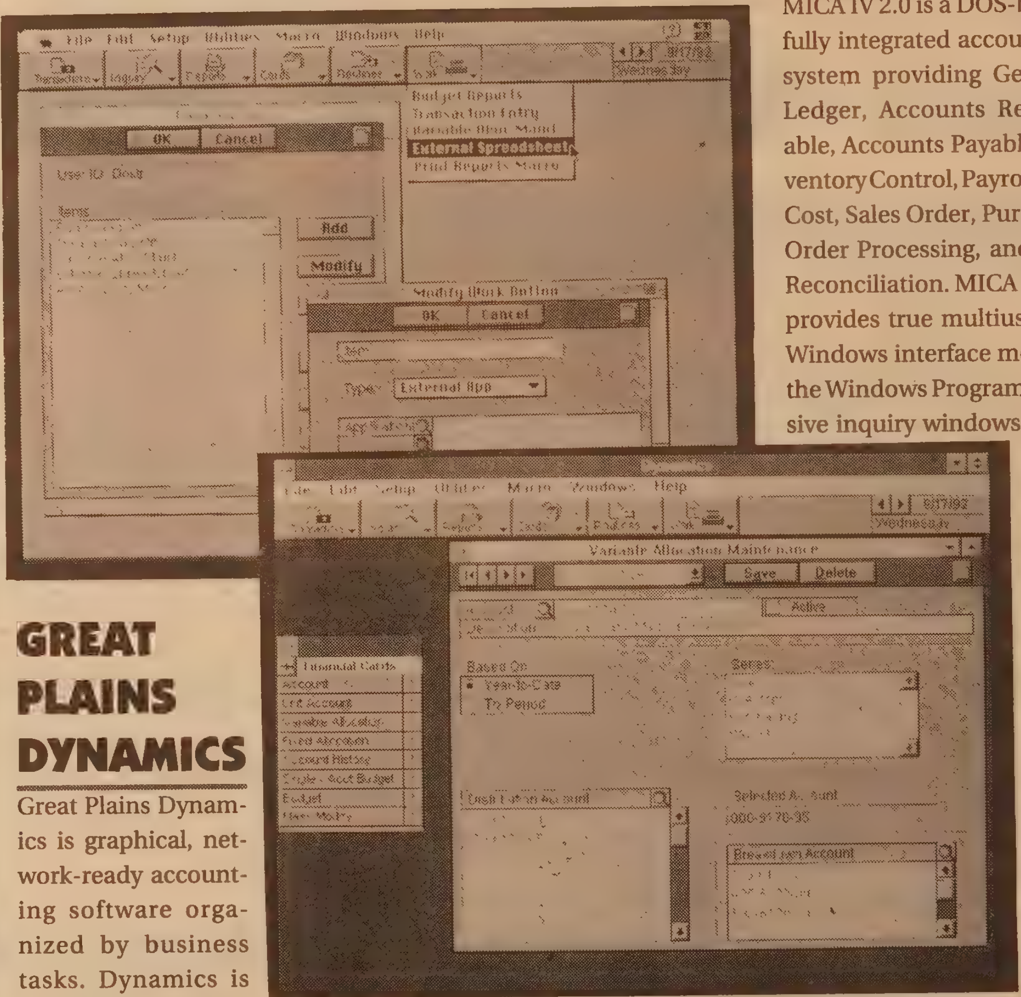


MICA IV 2.0

MICA IV 2.0 is a DOS-based fully integrated accounting system providing General Ledger, Accounts Receivable, Accounts Payable, Inventory Control, Payroll, Job Cost, Sales Order, Purchase Order Processing, and Ban Reconciliation. MICA IV 2.0 utilizes the Btrieve record manager and provides true multiuser capabilities in a network environment. A Windows interface module is available to access MICA IV 2.0 from the Windows Program Manager screen. With online help and extensive inquiry windows, end-users will find all the information they need at the touch of a button. (Each module has a suggested retail price of $795) MICA Accounting Software, Inc., 2349 Memorial Blvd., Port Arthur, TX 77640. 1-800-448-MICA.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Great Plains Dynamics is graphical, network-ready accounting software organized by business tasks. Dynamics is characterized by both a flexible interface and configuration, and a suite of customization and development tools that includes the Dexterity cross-platform development system. Dexterity is optimized for developing large transaction-oriented applications using object-oriented programming techniques. Great Plains Dynamics provides two levels of flexibility with a modular configuration to meet the specialized needs of businesses. The Dynamics configuration is organized in series or groups or modules that reflect business tasks: Financials, Sales, Inventory, Payroll, Purchasing, Project Accounting, and Tools Series. All series work on top of the Foundation Series which includes System Manager with WYSIWYG graphical Report Writer. (Pricing varies depending on the modules purchased) Great Plains Software Corp., 1701 S.W. 38th St., Fargo, ND 58103. 1-800-456-0025.

BESTBOOKS

BestBooks is an entry-level booking product for small businesses that bridges the gap between personal financial software and full-featured accounting software. It features the Command Center layout of M.Y.O.B., which provides an intuitive graphical interface enabling users to navigate between various activities with point-and-click ease. With BestBooks, setting up a new business is completely automated and every data entry screen looks like its real-world counterpart. Other features include both item invoices for resellers and service invoices for professionals. ($99) M.Y.O.B. Teleware, Inc., 300 Roundhill Dr., Rockaway, NJ 07866. 1-800-322-MYOB.

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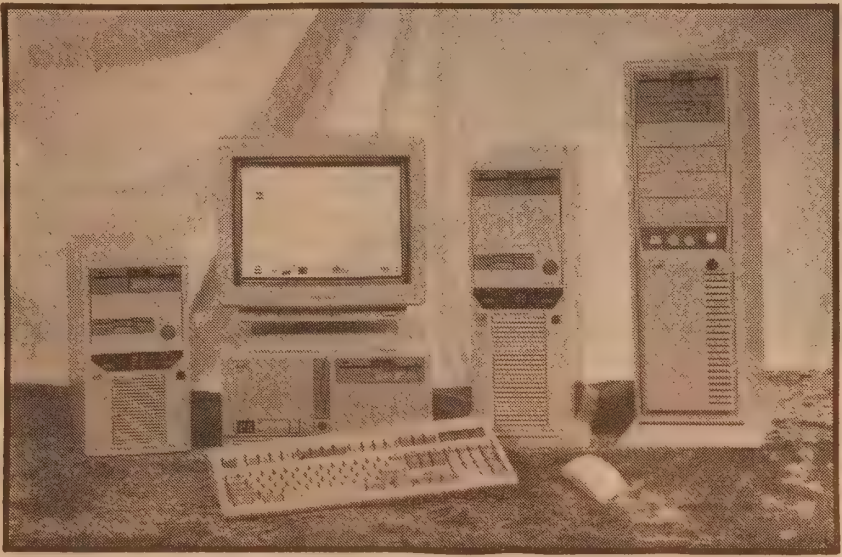

ACE CACHE
486WB-33

November 1992

AXIK'S COMPUTER SYSTEMS
486/WB-33

November 1992

"Axik may not be a household name, but its Ace Cache System is one of the best PC's we examined. It's the fastest 33 we tested, is one of the lowest prices we turned up. Service and support is another big plus, toll-free tech support line that works even on weekends. Every company starts small, if Axik keeps up the good work, household-name status could be just around the corner."

486DX-50

Feb. 24, 1992

"In database server test, the **Axik** surpassed Dell, the previous leader, by 5 percent in transactions per minute (TPM). The **AXIK** was 4 percent faster than ALR. In the previous review, we attributed part of Dell's efficiency to its three-bay drive array. The **Axik** excels in this capacity with only one drive.

"The **Axik ACE** is a superior high-end file server with an extremely low price."

486DX2-50

July 1992

"We liked the Axik more and more over time. Axik Computer's $2,899 Ace Cache 486DX2-50 System minitower was a favorite among our lab testers, who loved its chassis design and couldn't get over its outrageously fast hard drive performance."

486DX-50

"A STATE–OF–THE–ART MOTHERBOARD ADDS SPEED"

July 1992

"Solid components surround an advanced design that offers enhanced bus technology for future expansion. A low price is a bonus.

The 50 MHz 486DX system zips through applications with power and panache. And with the technologically enhanced and expandable motherboard, this system should satisfy your computing needs for years to come."

486DX-50

"AXIK 486-50 BEAT ALL OTHERS ON PRICE, PERFORMANCE & FEATURES"

June 1992

486DX-50

"A GREAT BARGAIN"

July 1992

"Axik Computers has gone to the trouble to build its own boards—and its home-grown ACE-motherboard-loaded tower system blows the competition out the door"

"RECORD TIMES"

"That's why we run our RealWorld Benchmark Tests twice on the Axik: we didn't believe the results the first time out. For the most part, the Axik's scores were among the lowest (that is, fastest) we've ever seen."

"Flat-out performance doesn't mean much if you're not getting value in other areas. The Axik 486WB/50 uses high-quality components like TEAC and Quantum drives, an Orchid VGA card, and a well-built roomy tower case. "All things considered the Axik at $2,849 isn't just a good deal: It's a fantastic buy!"

486DX2-50

"IS ONE SPEEDY PC"

October 1992

"The Axik Ace cache 486DX2-50 is one speedy PC, joining the top of the chart. This fairly compact tower has great internal accessibility, 6 slots free, and a generous 8 drive bays. Axik's baby motherboard includes a ZIF socket and a jumpered clock, which enables a 66-MHz 486DX2 migration.

The price adds more polish to the Axik's sheen. With an on-site service option, this fine PC would be an easy Best Buy! " *On-Site Service Is Now Provided FREE!*

486DX-50

"You Can Have It All with the *Ace 486/50*"

MADE IN THE USA

July 1992

"From the PC connoisseur's viewpoint the most interesting thing about the Axik is its motherboard. Axik makes its own boards, and the company's attention to detail shows"

"When you put it together, it's hard not to like the Ace Cache. While some buyers may be reluctant to go with a small startup company's computer, in this case, they should not be hesitant. This is a finely crafted machine made with quality parts. With the Ace Cache, you get great power, performance, and price. You really can have it all."

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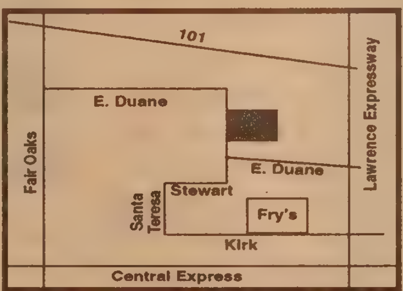

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DATABASE SOFTWARE

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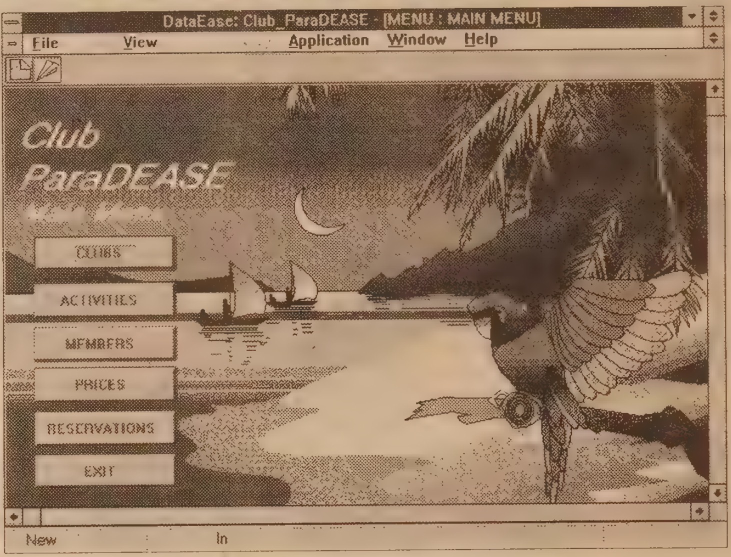
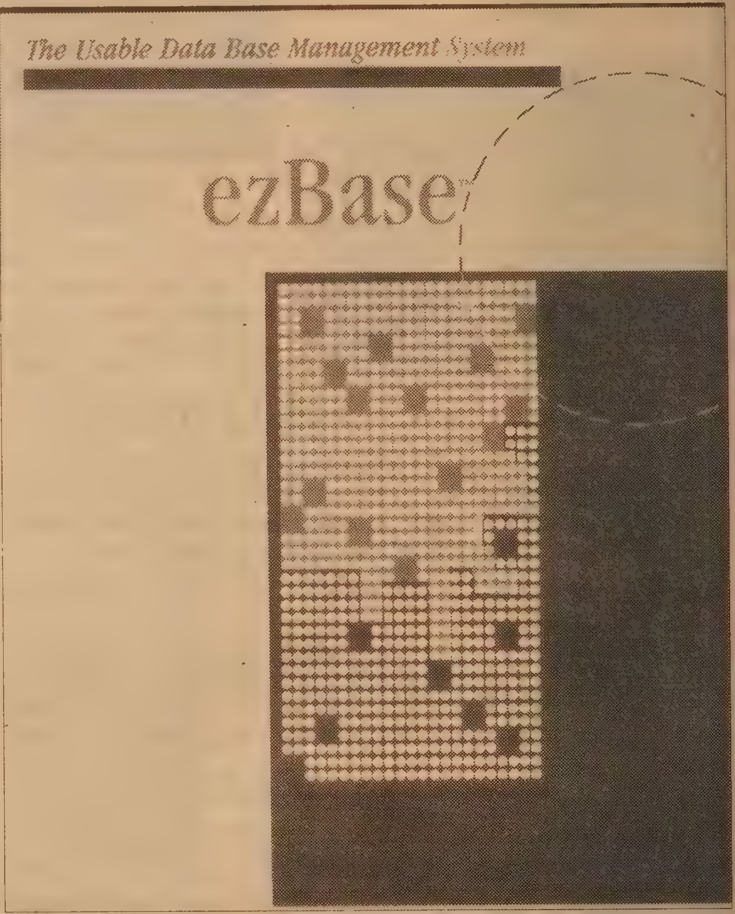


DATAEASE EXPRESS FOR WINDOWS

At the heart of DataEase Express for Windows, a visual, relational database management system, is an object-oriented database, though it does not require any object-oriented expertise. It is both easy to use and powerful, permitting users to manage data visually, generate reports with the click of a mouse, and to quickly navigate through multiple layers of data for the information they need—all without programming, It is aimed at the new market of first-time database users and at businesses and professionals who have outgrown their spreadsheet's database capabilities. Support for file server and client server operations are available through built-in DataEase PRISM technology. ($395) DataEase International, Inc., 7 Cambridge Dr., Trumbull, CT 06611. (203)374-8000.

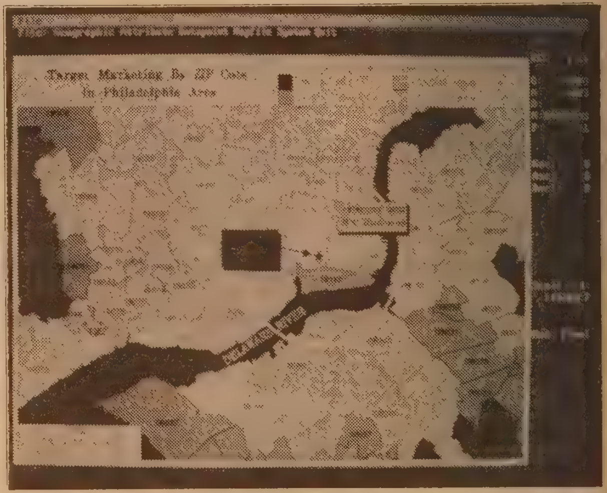
EZBASE

ezBase 7.3 is an easy-to-use, relationally linked database management system, which provides simplicity to allow inexperienced users to access, modify, or create database files quickly and easily. It is powerful enough to hold all of your records while offering a broad range of control and retrieving options. Designed to function similarly to WordPerfect, the ezBase interface will be familiar to millions of computer users. ezBase can import over one hundred thousand records in less than twelve minutes and can merge data from up to ten files with up to 132 columns and 84 rows. ezBase Technology, Inc., 1020 19th St., N.W., 8th Fl., Washington, DC 20036. (202)833-DATA.


The Usable Data Base Management System
ezBase

TELEFORM FOR WINDOWS 2.0

This updated release of the fax-to-PC data collection software includes improved hand-print recognition, optical character recognition, and form pre-fill capabilities. From sales orders and surveys, to payroll and registrations, Teleform helps organizations recover thousands of dollars in data entry costs, and days in turnaround time. Forms can now be pre-printed using a new form merge feature that reaches into databases, extracts standard information, and prints it in the appropriate fields on a form. New database connectivity includes SQL Server, NetWare SQL, Oracle, and DB2. Teleform still retains links to dBASE, FoxPro, and Paradox. Data can also be written to Lotus 1-2-3, Excel DIF, and ASCII files. ($995) Cardiff Software, Inc., 531 Stevens Ave., Bldg. B, Solana Beach, CA 92075. 1-800-659-8755.



ATLAS GIS

Atlas GIS 2.0 is a geographic information system that links maps and database files. It has many applications, including retail site planning and target marketing. Key enhancements to v2.0 are expanded geographic operations, an improved internal database, and increased speed. The new database makes it easier to link data from dBASE IV, Lotus, or Excel formats to Atlas. Atlas GIS 2.0 also includes six scripted utilities to help users build applications more quickly. ($249) Strategic Mapping, Inc., 3135 Kefer Rd., Santa Clara, CA 95051. (408)970-9600.

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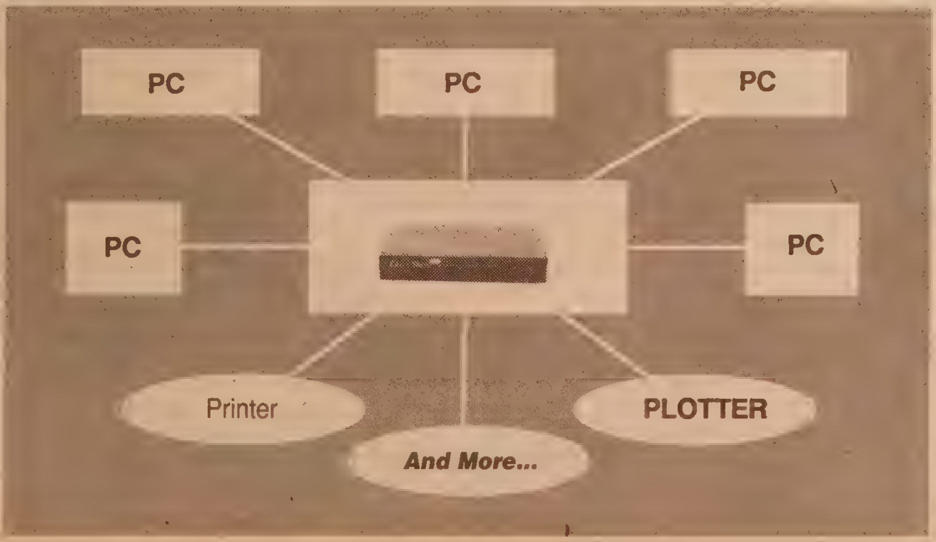

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@IMAGE

@image is designed to allow users to author and present briefings and presentations on the NeXT computer and NeXTSTEP compatible systems. The program can be used to create multi-page, multi-master slide presentations for viewing in a small or large window, and over a network to a user on another host. Both individual and group productivity can be enhanced using the unique network presentation facilities of @image, which allow a presentation to be viewed locally, taking over the entire screen or in a user resizeable window, or remotely, using the new 3.0 features of distributed objects. ($399) RDR, Inc., 10600 Arrowhead Dr., Suite 350, Fairfax, VA 22030. (703)591-8713.

CONTACT MANAGER

Contact Manager gives you instant access to companies, clients, vendors, associates, and agencies. It allows you to keep the information you need on any contact through database fields and even voice notes, and to perform sophisticated searches for contacts using categories, database fields, and user-defined fields. Contact Manager also allows the attachment of an unlimited number of notes to each contact. Other features include cross-filing, automatic speed dialing, and exporting data for mail merge, labels, custom reports, and many other uses. ($395 per workstation) Boss Logic, Inc., (515)472-7740.

USHARE

NeXT computers can become powerful servers for Macintosh computers. uShare is fully AppleShare compatible and allows Macintosh users to work as if connected to an AppleShare server with the additional processing power and worldwide networking ability of the NeXT. NeXT users maintain full access to both Macintosh and UNIX files. All information is stored on the file server using the UNIX file system, including password protection. uShare also provides bi-directional print spooling. The uShare Print Spooler allows Macintosh computers to print to NeXT printers and NeXT computers to print to AppleTalk printers. ($1195) Information Presentation Technologies, Inc., 1-800-233-9993. (805)541-3000.

ASKIT

AsKit is a database record template builder that interacts directly with Sybase. Application programs can be very easily created, and database access is transparent to the user. A designer with basic database knowledge can draw the template that will support the data for a certain application. Tables and layouts are created by dragging objects (field, date, image, text, etc.) from the palette window to the main workspace. The inspector and column windows control and summarize the database attributes of each object. Once the application template is built, users can directly interface with Sybase. Not a single line of code is written during the entire process. ($900) INCARE Inc., (201)857-1745.

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Ready to jump ..... on the Local Bus??

Choose the "VL" Route, it's the safest down the road!

ORCHID VESA VL-BUS
intel 50MHz 486DX CPU

- 50MHz intel 486DX CPU
- 8MB RAM, 256K Cache
- 240MB Quantum ProDrive 256K Cache 11ms
- VESA Local Bus IDE Interface
- Orchid Fahrenheit VLB Local Bus 1MB RAM
- 1.2 and 1.44 High Density Floppy Drives
- 17" ViewSonic 7 Flat NI Monitor
- Medium Tower Case w/230W PS
- 101 Northgate Omni KeyBoard
- 2-VESA Local Bus and 6-ISA Slots

$3295

MICRONICS VESA VL-BUS
intel 66MHz 486DX2 CPU

- 66MHz intel 486DX2 CPU
- 8MB RAM, 64K Cache
- 240MB Quantum ProDrive 256K Cache 11ms
- Integrated Local Bus IDE Interface
- ATI Ultra Pro Local Bus 1MB VRAM (MACH32)
- 1.2 and 1.44 High Density Floppy Drives
- NEC 3FGX 15" Multisync Monitor
- Medium Tower Case w/230W PS
- 101 Keytronics KeyBoard
- 2-VESA Local Bus and 6-ISA Slots

$2995

MICRONICS VESA VL-BUS
intel 33MHz 486DX CPU

- 33MHz intel 486DX CPU
- 4MB RAM, 64K Cache
- 122MB Quantum ProDrive 256K Cache 11ms
- Integrated Local Bus IDE Interface
- Tseng Labs ET4000 Local Bus 1MB RAM
- 1.2 and 1.44 High Density Floppy Drives
- 14" Viewsonic 6E NI Monitor
- Mini Tower Case w/200W PS
- 101 Keytronics KeyBoard
- 2-VESA Local Bus and 6-ISA Slots

$1995

What is the VL-BUS? VL-BUS is the VESA Standard for the local bus technology. The VL-BUS will assure that all motherboards, graphics cards, hard-drive controllers and add-on cards conform to the same local bus standards. The ultimate benefit to end users is the future flexibility in utilizing any local bus add-on cards manufactured under these standards, such as network cards, caching controllers, Video adapters... etc.

EISA SCSI File Server

- 50MHz intel 486DX CPU
- 16MB RAM, 256K Cache
- 535MB SCSI Hard Drive 12ms
- 32-Bit EISA SCSI 2MB Caching Controller
- 14" SVGA Color Monitor
- SVGA Video Card 512K RAM
- 1.2 and 1.44 High Density Floppy Drives
- Full-Tower Case w/300W PS Dual Fans
- 2 Serial and 2 Parallel Ports
- 101 Keytronics Keyboard
- 8 32-Bit EISA Slots

$3495

THE ULTIMATE GRAPHICS MACHINE
True 16.7Mil Color at 1024X768
Matrox Impression 1024 3VRAM

- 50MHz intel 486DX CPU
- 8MB RAM, 256K Cache
- 210MB IDE Hard Drive 15ms
- Matrox Impression-1024 24-Bit TrueColor Video Card with 3MB VRAM (S3 Chip) WinSqueeze PixelTOUCH
- NEC 3FGX 15" MultiSync Anti-Glare Monitor
- 1.2 and 1.44 High Density Floppy Drives
- Medium Tower Case w/230W PS
- 101 Keytronics KeyBoard

$2995

MULTIMEDIA MANIA
MediaVision & Speedstar 24X

- 25MHz intel 486SX CPU
- 4MB RAM, 64K Cache
- 130MB IDE 15MS
- 1.2 and 1.44 High Density Floppy Drives
- 14" SVGA .28dp Monitor
- Speedstar 24X Video Card 1MB RAM
- Mini-Tower Case w/200W PS
- 101 Enhanced Keyboard
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- Pro AudioSpectrum Plus Stereo Sound Card
- 2 External Stereo Speakers
- CD's Software Pack
- 3-Button Mouse

$300 Less for Creative Lab Kit **$1995**

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SPECIAL

486DX/50MHz 256K

- Intel 486DX/50MHz Motherboard
- 256K Static Cache RAM 20ns
- 8MB 60ns RAM expandable to 64MB
- 210MB IDE Hard Drive 15ms
- 1.2 and 1.44 Floppy Drives
- Viewsonic 6E Monitor, 14" Non-int.
- Diamond Stealth w/1MB VRAM S3 (fast)
- Mid-tower Case w/230w PS

$2095

486DX2/66MHz 256K

- Intel 486DX2/66MHz Motherboard
- 256K Static Cache RAM 20ns
- 4MB RAM 60ns up to 64MB
- 130MB IDE Hard Drive 15ms
- 1.2 and 1.44 Floppy Drives
- 14" SVGA (1024x768) Color Monitor
- Super VGA Card w/512K RAM
- Mini-tower Case w/200w PS

Add $300 for EISA **$1695**

486DX/50MHz 64K

- Intel 486DX/50MHz Motherboard
- 64K Static Cache RAM
- 4MB RAM 60ns up to 32MB
- 130MB IDE Hard Drive 15ms
- 1.2 and 1.44 Floppy Drives
- 14" SVGA (1024x768) Color Monitor
- Super VGA Card w/512K RAM
- Mini-tower Case w/200w PS

Add $275 for EISA **$1495**

486DX/33MHz 256K

SPECIAL

- Intel 486DX/33MHz Motherboard
- 256K Static Cache RAM
- 8MB RAM 70ns up to 32MB
- 210MB IDE Hard Drive 15ms
- 1.2 and 1.44 Floppy Drives
- 14" SVGA (1024x768) Color Monitor
- Super VGA Card w/1MB RAM
- Mini-tower Case w/200w PS

Add $250 for EISA **$1595**

486DX/33MHz 64K

SPECIAL

- Intel 486DX/33MHz Motherboard
- 64K Static Cache RAM
- 4MB RAM 70ns up to 32MB
- 130MB IDE Hard Drive 15ms
- 1.2 and 1.44 Floppy Drives
- 14" SVGA (1024x768) Color Monitor
- Super VGA Card w/512K RAM
- Mini-tower Case w/200w PS

$1299

486SX/25MHz 64K

- Intel 486SX/25MHz Motherboard
- 64K Static Cache RAM
- 4MB RAM 70ns up to 32MB
- 105MB IDE Hard Drive 16ms
- 1.2 and 1.44 Floppy Drives
- 14" SVGA (1024x768) Color Monitor
- Super VGA Card w/512K RAM
- Mini-tower Case w/200w PS

$1050

386DX/33MHz 64K

SPECIAL

- 386DX/33MHz Motherboard
- 64K Static Cache RAM
- 4MB RAM 70ns up to 32MB
- 105MB IDE Hard Drive 16ms
- 1.2 and 1.44 Floppy Drives
- 14" SVGA (1024x768) Color Monitor
- Super VGA Card w/512K RAM
- Mini-tower Case w/200w PS

Add $15 for 40MHz **$999**

386SX/25MHz

- 386SX/25MHz Motherboard
- 2MB RAM 70ns up to 16MB
- 80MB IDE Hard Drive 17ms
- 1.2 OR 1.44 Floppy Drive
- 14" VGA Color Monitor
- VGA Card w/256K RAM
- Mini-tower Case w/200w PS

$775

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Monitors:	
14" SVGA .39dp Monitor	$245
14" SVGA .28dp Monitor	$275
14" SVGA .28dp N-I Monitor	$315
15" SVGA .28dp N-I Monitor (flat)	$555
ViewSonic 6e 14" N-I 72MHz	$335
SONY 1304s .25dp N-I (flat)	$550
SONY 1604s 17" N-I .25dp (flat)	$1028
Video Cards:	
VGA w/256K RAM	$29
SVGA w/512K RAM	$37
SVGA w/1MB RAM	$59
Orchid Pro IIs w/1MB	$139
Orchid Pro IIs EISA w/1MB	$235
Orchid Fahrenheit	$225
Orchid Fahrenheit D 32bit	$255
Diamond Speedstar Hi-C	$139
Diamond Stealth S3 VRAM	$209
Genoa 7900 w/1MB 16M Color	$169
Hard Drives:	
40MB	$175
80MB	$220
100MB	$245
130MB	$285
213MB	$425
340MB	$699
525MB	$965
Controllers:	
IDE 2H/2F 1:1 w/1P, 2S, 1G	$22
IDE 4F/2H	$39
IDE 2H/2F w/1MB Caching	$245
Adaptec 1522BK	$159
Adaptec 1542BK	$255
Adaptec 1742BK	$495
Keyboards:	
101 Enhanced	$20
101 Enhanced Click	$35
Focus 2001	$40
Focus 8000 w/Calculator	$55
Northgate Omni	$69
Northgate Ultra T	$99
Keytronics	$39
Miscellaneous	
MS DOS 5.0	$42
MS Windows 3.1	$45
3-Button Mouse	$19
2400 Baud Modem	$39
9600 Baud Modem v32/v42	$249
96/24 Fax /Modem	$69
9600/9600/Fax/Modem (Zoom)	$255
120MB Colorado Tape Bk-up	$185
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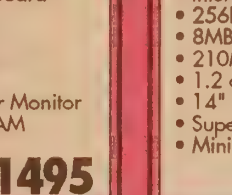

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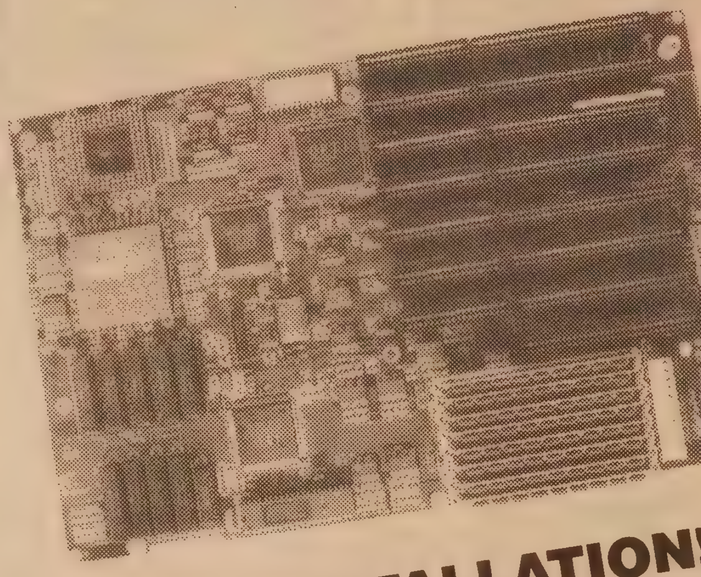

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FREE SYSTEM CHECK-UP!

INTRODUCING OPTi SERIES

SPECIFICATIONS:	486DX-33MZ-CACHE	486DX-50MHZ-CACHE
BOARD SIZE	BABY AT	BABY AT
CPU	486DX-33MHZ	486DX-50MHZ
CHIPSET	OPTI WRITEBACK	OPTI WRITEBACK
BIOS	AMI	AMI
COPROCESSOR	BUILT-IN	BUILT-IN
WEITEK SUPPORT	4167	4167
MEMORY TYPE	SIMM	SIMM
ON BOARD MEMORY	32MB	32MB
BASE CACHE MEMORY	64K	64K
CACHE EXPANDS TO	512K	512K
16-BIT SLOTS	7	7
8-BIT SLOTS	1	1
BOARD LAYERS	6	6
SURFACE MOUNT	YES	YES
DALLAS BATTERY	YES	YES
BENCHMARKS:		
LANDMARK V. 2.00	120.2	180.2
POWER METER V. 1.7	14.9 MIPS	22.3 MIPS

One Year Warranty Parts & Labor On Systems

486/386 Basic Systems

Include

- Motherboard & CPU
- 1.2Mb Floppy Drive
- 2S, 1P, 1G Ports
- 0Mb RAM Installed
- Internal Clock/Calendar
- AT Case + 200W P.S.
- IDE 1:1 2HD/2FD Controller
- Math Coprocessor Socket
- 101 Keys Keyboard

EISA 486-50MHz w/ 64K Cache	$Call
486dx2-66MHz w/64K Cache	$848
486-50MHz w/64K Cache	$828
486-33MHz w/64K Cache	$598
486sx25MHz w/ 8K cache	$345
PIXEL 386-40MHz w/64K Cache	$308
PIXEL 386-33MHz w/o Cache	$288
PIXEL 386sx25MHz w/o Cache	$238

- *Financing Available*
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- *All Systems Are Burned-In and Tested for 72 Hours*

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Mb 386sx25MHz (Generic)	$89
MB 386sx33MHz (Generic)	$95
MB 386-25MHz (Opti Series)	**$134**
MB 386-33MHz (Opti Series)	**$148**
MB 386-33MHz w/ 64K Cache (Generic)	$160
MB 386-40MHz w/ 64K Cache (Generic)	$170
MB 386-40MHz w/ 64Kb Cache (Opti Series)	**$198**
MB 486sx25MHz w/ Cache (Generic)	$226
MB 486sx25MHz w/ 64K Cache (Generic)	$248
MB 486sx25Mhz w/ 64K Cache (Opti Series)	**$270**
MB 486-33MHz w/ 64K (Generic)	$458
MB 486-33MHz w/ 64K (Opti Series)	**$Call**
MB 486dx2-50MHz w/ 64K (Opti Series)	**$Call**
MB 486-50MHz w/ 64K (Opti Series)	**$Call**
MB 486-33MHz w/ 64K EISA (Opti Series)	**$Call**
MB Micronic Vesa Local Bus 486MHz	**$Available**

INTERFACE CARDS

IDE Controller 2HD & 2FD	$13
IDE Controller 2HD & 2FD (2s, 1p, 1g)	$17
IDE Caching Controller < 0.3ms Fast	**$145**
Everex MFM Controller	$Call
DTC 16-bit SCSI Controller	**$95**
Bustek SCSI (EISA)	$Call
Adaptec SCSI 1522 BK	**$155**
Adaptec SCSI 1542B or 1542BK	**$195 / $265**
Other	$Call

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105Mb 17ms IDE (Seagate ST3120A)	$238
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130Mb 15ms IDE (Maxtor 7120AT)	$278
170Mb 17ms IDE (Conner CP3017E)	**$295**
Western Digital Caviar 2200 14ms	**$358**
213Mb 15ms IDE (Maxtor 7213A)	$385
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105Mb SCSI (Quantum 105s) w/ System Only	**$218**
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1.2Gb SCSI (Maxtor) w/ System Only	**$1385**
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Other	$Call

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Keyboard 101 (Reg)	**$20**
Keyboard 101 MNB Click	$45
Keyboard Keytronic	$36
Keyboard Focus 5001	**$65**
NorthGate 102 Keys or Ultra	$75 / $95

MONITOR

14" KFC SVGA (1024x768) .39mm	$225
14" FKC SVGA (1024x768) .28mm Interlaced	$255
14" KFC SVGA (1024x768) .28mm Non-Int.	**$295**
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14" Club AT (1024x768) .28mm Non-Int	$375
14" Sony 1304S (1024x768) .25mm Non-Int	$565
15" SAMPO KDM-1566 (1024x768) Non-Int	$485
15" NEC 3FG / 4FG	$Call
17" **SAMPO KDM-1766**	$795
16" Nanao 9080I (1024x768 .28mm)	$Best
17" Nanao F550I (1280x1024 .28mm)	$Prices
Other	$Call

SVGA CARD

MGP Card	$15
SVGA Card w/ 512Kb or 1Mb	$36 /$56
TsengLab SVGA Card w/ 1Mb	**$85**
S3 Windows Accelerator w/ 1Mb	$145
Pixel Turbo Fx-Hicolor w/ 1Mb	$108
Orchid Pro II/s Hi-Color w/ 1Mb	$125
Orchid Fahrenheit 1280 w/ 1Mb	**$175**
Diamond Speed Star 24X Hi-Color w/ 1Mb	$156
Diamond Stealth V-RAM w/ 1Mb Hi-Color	$208
Tseng Local Bus 32-bit w/ 1Mb	$125
ATI Graphic Ultra w/ Mouse	$298
Other	$Call

ACCESSORIES

Modem 2400 Baud Rate	$38
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Sound Blaster Pro Basic	$158
Sound Blaster Pro	$195
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Super Math 387-40MH w/ System	$75
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- 80386SX™ 25MHz CPU
- without cache
- 4Mb RAM Memory
- 1.2Mb Floppy Drives
- 1.44Mb Floppy Drive
- 40Mb Hard Disk (IDE)
- Super VGA Card 16-bit w/ 512Kb
- SVGA Color Monitor (1024x768)
- 1 Parallel, 2 Serials, 1 Game Ports
- 101 Keys Keyboard
- Baby AT Case w/ 200 Watts P.S.
- Logictech First Mouse Serial

$768

386-33Mhz

- 80386™ 33MHz CPU
- w/out Cache
- 4Mb RAM Memory
- 1.2Mb Floppy Drives
- 1.44Mb Floppy Drive
- 85Mb Hard Disk (IDE) 17ms
- Super VGA Card 16-bit w/ 512Kb
- SVGA Color Monitor (1024x768)
- 1 Parallel, 2 Serials, 1 Game Ports
- 101 Keys Keyboard
- Baby AT Case w/ 200 Watts P.S.
- Logictech First Mouse Serial

$953

386-40Mhz

- AMD 80386™ 40MHz CPU
- w/64K Cache
- 4Mb RAM Memory
- 1.2Mb Floppy Drives
- 1.44Mb Floppy Drive
- 130Mb Hard Disk (IDE) 15ms
- Super VGA Card 16-bit w/ 512Kb
- SVGA Color Monitor (1024x768)
- 1 Parallel, 2 Serials, 1 Game Ports
- 101 Keys Keyboard
- Baby AT Case w/ 200 Watts P.S.
- Logictech First Mouse Serial

$1058

486sx25Mhz

- Intel 80486™ sx25MHz CPU
- w/8K Cache
- 4Mb RAM Memory
- 1.2Mb Floppy Drives
- 1.44Mb Floppy Drive
- 130Mb Hard Disk (IDE) 15ms
- Super VGA Card 16-bit w/ 512Kb
- SVGA Color Monitor (1024x768)
- 1 Parallel, 2 Serials, 1 Game Ports
- 101 Keys Keyboard
- Baby AT Case w/ 200 Watts P.S.
- Logictech First Mouse Serial

$1088

486-33Mhz

- Intel 80486-33MHz CPU
- w/64K Cache
- 4Mb RAM Memory
- 1.2Mb Floppy Drives
- 1.44Mb Floppy Drive
- 130Mb Hard Disk (IDE) 15ms
- Super VGA Card 16-bit w/ 512Kb
- SVGA Color Monitor (1024x768)
- 1 Parallel, 2 Serials, 1 Game Ports
- 101 Keys Keyboard
- Baby AT Case w/ 200 Watts P.S.
- Logictech First Mouse Serial

$1343

486-33Mhz

- Intel 80486™ 33MHz **(Local Bus)**
- w/64K Cache
- 4Mb RAM Memory
- 1.2Mb Floppy Drives
- 1.44Mb Floppy Drive
- 130Mb Hard Disk (IDE) 15ms
- **TsengLab SVGA w/ 1Mb (32-bit)**
- SVGA Color Monitor (1024x768)
- 1 Parallel, 2 Serials, 1 Game Ports
- 101 Keys Keyboard
- Baby AT Case w/ 200 Watts P.S.
- Logictech First Mouse Serial

$1448

486dx2-50Mhz

- Intel 80486™ dx2-50MHz
- w/64K Cache
- 4Mb RAM Memory
- 1.2Mb Floppy Drive
- 1.4Mb Floppy Drive1
- 130Mb Hard Disk (IDE) 15ms
- Super VGA Card w/ 512Kb
- SVGA Color Monitor (1024x768)
- 1 Parallel, 2 Serials, 1 Game Ports
- 101 Keys Keyboard
- Baby AT Case w/ 200 Watts P.S.
- Logictech First Mouse Serial

$1433

486dx2-66Mhz

- Intel 80486™ dx2-66MHz CPU
- w/64K Cache
- 4Mb RAM Memory
- 1.2Mb Floppy Drives
- 1.44Mb Floppy Drive
- 130Mb Hard Disk (IDE) 15ms
- Super VGA Card 16-bit w/ 512Kb
- SVGA Color Monitor (1024x768)
- 1 Parallel, 2 Serials, 1 Game Ports
- 101 Keys Keyboard
- Baby AT Case w/ 200 Watts P.S.
- Logictech First Mouse Serial

$1598

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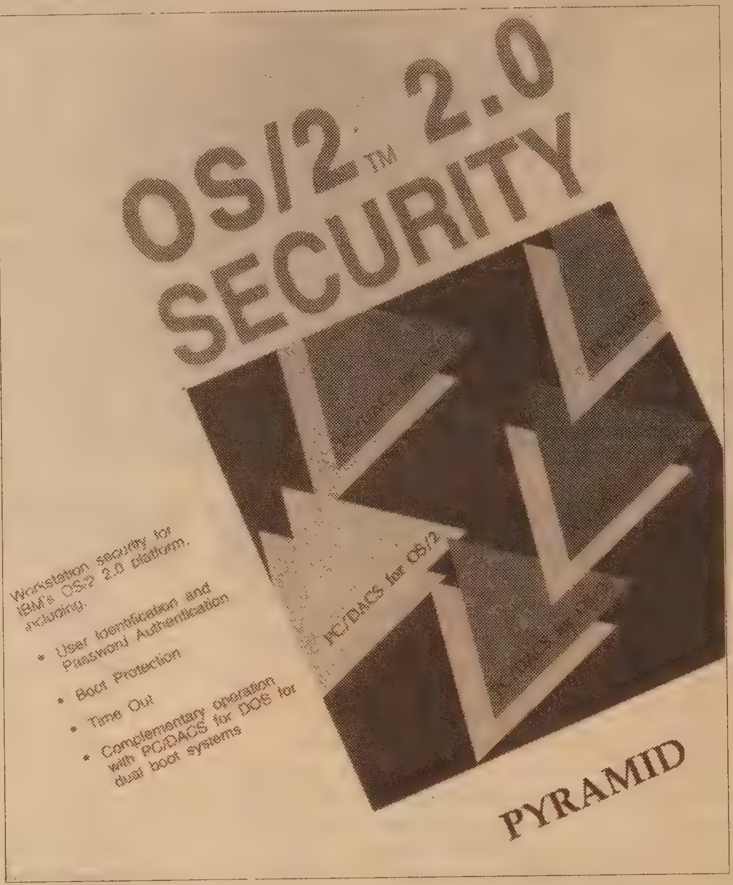
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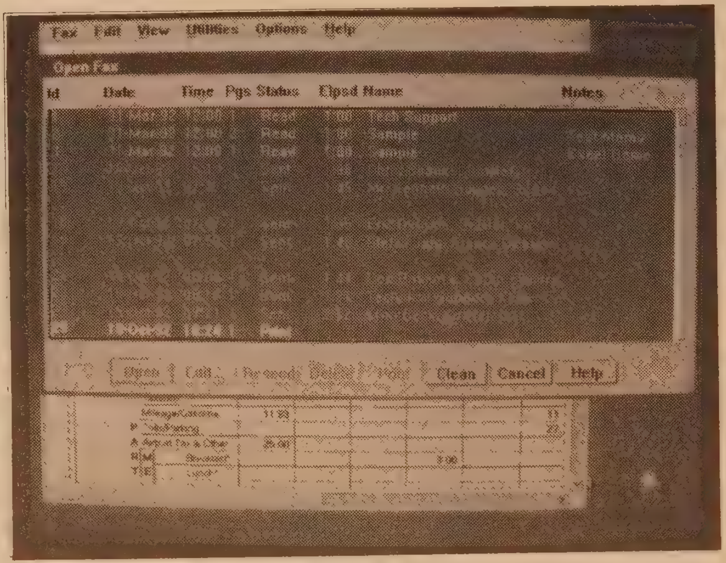
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FAXWORKS OS/2

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PC/DACS, or Data Access Control System for personal computers, is a security software package designed to protect PC workstations from accidental or malicious loss of data or programs. PC/DACS for OS/2 is fully compatible with IBM's 32-bit OS/2 operating system. It provides workstation security that includes user identification and authentication, session time out, encryption, and boot protection. Administration features operate in the OS/2 Presentation Manager graphical environment. Enterprise-wide administration of PC/DACS is enhanced through a subsystem of specialized Site Administration Tools. These tools allow large organizations to customize the program to meet their security requirements and then easily install and administer PC/DACS across thousands of PCs. ($249, site license available) Pyramid Development Corp., 70 Inwood Rd., Rocky Hill, CT 06067. (203)257-4245.

SMALLTALK/V FOR OS/2

Smalltalk/V, a 32-bit object-oriented development environment, can result in applications that are up to 100% faster and 50% smaller than 16-bit development tools. Other improvements over its 16-bit predecessor include the ability to call both 16-bit and 32-bit Dynamic Link Libraries, a debugger with enhanced single-step capability, improved support for bitmaps, double-byte character set characters in Smalltalk/V code, and support for OS/2's common dialogue boxes. The new version includes three extensive user manuals: a tutorial for learning object-oriented programming, a reference manual, and an encyclopedia of classes. The purchase price includes the right to distribute unlimited runtime applications with no additional royalty payments to Digitalk. ($995) Digitalk, Inc., 9841 Airport Blvd., Los Angeles, CA 90045. (310)645-1082.

DOSNAP 1.0A FOR OS/2 2.0

DoSNAP 1.0A for OS/2 2.0 provides a flexible and easy-to-use screen capture utility for OS/2 monochrome, 4-bit (16-colors), 8-bit (256-colors), 16-bit (hi-color), and 24-bit (true color) screen images. Captured images may be printed, displayed in the OS/2 Clipboard Viewer, or saved to nine different bitmap file formats. DoSNAP offers five options for capturing screen images: Freehand, Area, Windows, Full Screen, and Coordinates. Users can designate their own hotkey to invoke any of these five functions. DoSNAP also offers the option to hide its icon during full screen captures. The OS/2 version will be bundled with DoSNAP for Windows. ($39.95) Halcyon Software Co., 1590 La Pradera Dr., Campbell, CA 95008. (408)378-9898.

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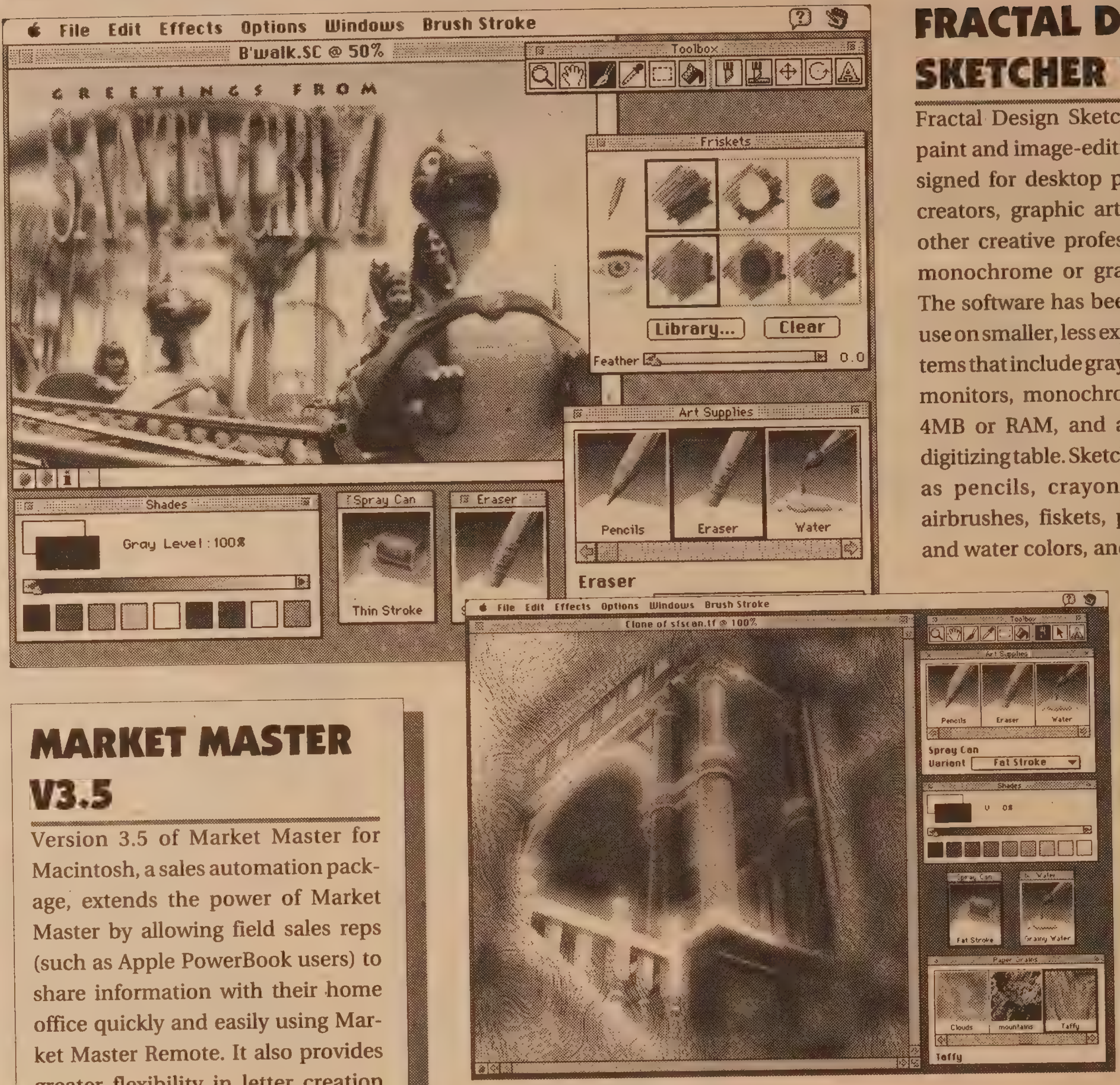
File Edit Effects Options Windows Brush Stroke
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FRACTAL DESIGN SKETCHER

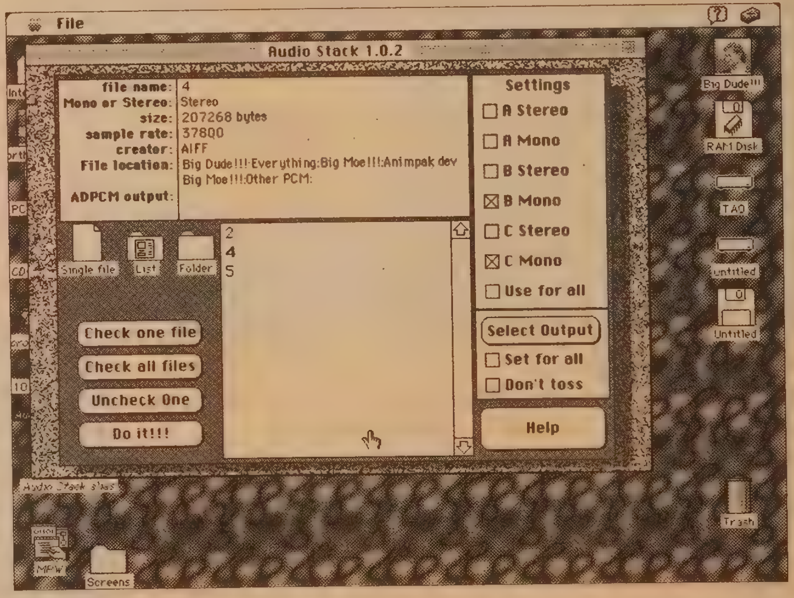
Fractal Design Sketcher, a new grayscale paint and image-editing application, is designed for desktop publishers, newsletter creators, graphic artists, cartoonists, and other creative professionals working in a monochrome or grayscale environment. The software has been designed to permit use on smaller, less expensive computer systems that include grayscale or monochrome monitors, monochrome laser printers, 2–4MB or RAM, and a mouse instead of a digitizing table. Sketcher includes such tools as pencils, crayons, calligraphy pens, airbrushes, fiskets, paint brushes for oils and water colors, and more. There are also special effects such as Distort, Unsharp Mask, SuperBlur, Equalize, and Posterize. ($149) Fractal Design Corp., 335 Spreckels Dr., Suite F, Aptos, CA 95003. (408)688-5300.

MARKET MASTER V3.5

Version 3.5 of Market Master for Macintosh, a sales automation package, extends the power of Market Master by allowing field sales reps (such as Apple PowerBook users) to share information with their home office quickly and easily using Market Master Remote. It also provides greater flexibility in letter creation through a data link to major Macintosh word processors. With Market Master a sales lead is entered once. After automatically assigning the lead to the proper sales rep, the program automatically sends a series of follow-up letters or prompts for follow-up calls at specific intervals. It even follows up to the sales rep to be sure the calls are made. One administrative person with Market Master can provide effective sales follow-up for an entire sales force. Market Master is sold as a single-user system, but can be upgraded to multi-user with the addition of multi-user host/client software. ($395 for the personal version, $595 for up to four salespeople) Breakthrough Productions, Inc., 210 Park Ave., Nevada City, CA 95959. (916)265-0911.

AUDIO STACK

Audio Stack is a HyperCard stack used to convert AIFF and DigiDesign audio files to ADPCM format for use in CD-ROM/XA and CD-I applications. Audio Stack overcomes the difficulties in the conversions by using an object-oriented approach to converting audio files. It treats input and output files as objects and can therefore determine conversion routines which will use the least amount of processing time, freeing up the computer and the developer to create not convert. ($995) OptImage Interactive Services Co., LP, 1501 50th St., Suite 100, W. Des Moines, Iowa 50265-5961. (515)225-7000.


File
Audio Stack 1.0.2
Single file
List
Folder
Check one file
Check all files
Uncheck One
Do it!!!
Select Output
Help
Big Dude!!!
RAM Disk
TAO
untitled
Untitled
Trash
MPW
Screens

file name: 4
Mono or Stereo: Stereo
size: 207268 bytes
sample rate: 37800
creator: AIFF
File location: Big Dude!!!:Everything:Big Moe!!!:Animpak dev Big Moe!!!:Other PCM:
ADPCM output:

2
4
5

Settings
☐ A Stereo
☐ A Mono
☐ B Stereo
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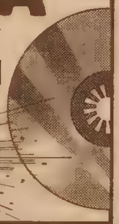

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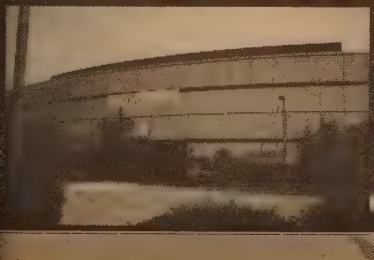

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1.6Gb	SCSI-2 MC1908	FH	11ms	$2199
2.0Gb	SCSI-2 MC1548	FH	14ms	$2399
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130	IDE/ST3144A	3.5"	17ms	$269
240	SCSI ST3283S	3.5x1	12ms	$589
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670	Wren Runner II	5.25"	11ms	$1399
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1.2Gb	***Wren 7 SCSI***	***5.25"***	***14ms***	***$1399***
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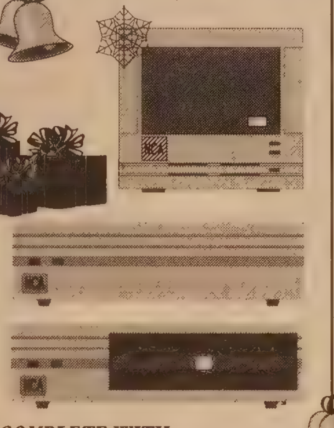

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EXT125	Maxtor	1Yr	15ms	$419
EXT170	Conner	1Yr	17ms	$489
EXT213	Maxtor	1Yr	15ms	$589
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EXT340	Maxtor	1Yr.	15ms	$799
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EXT425	Quantum	2Yr.	9ms	$999
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EXT670	Maxtor	2Yrs	16ms	$1339
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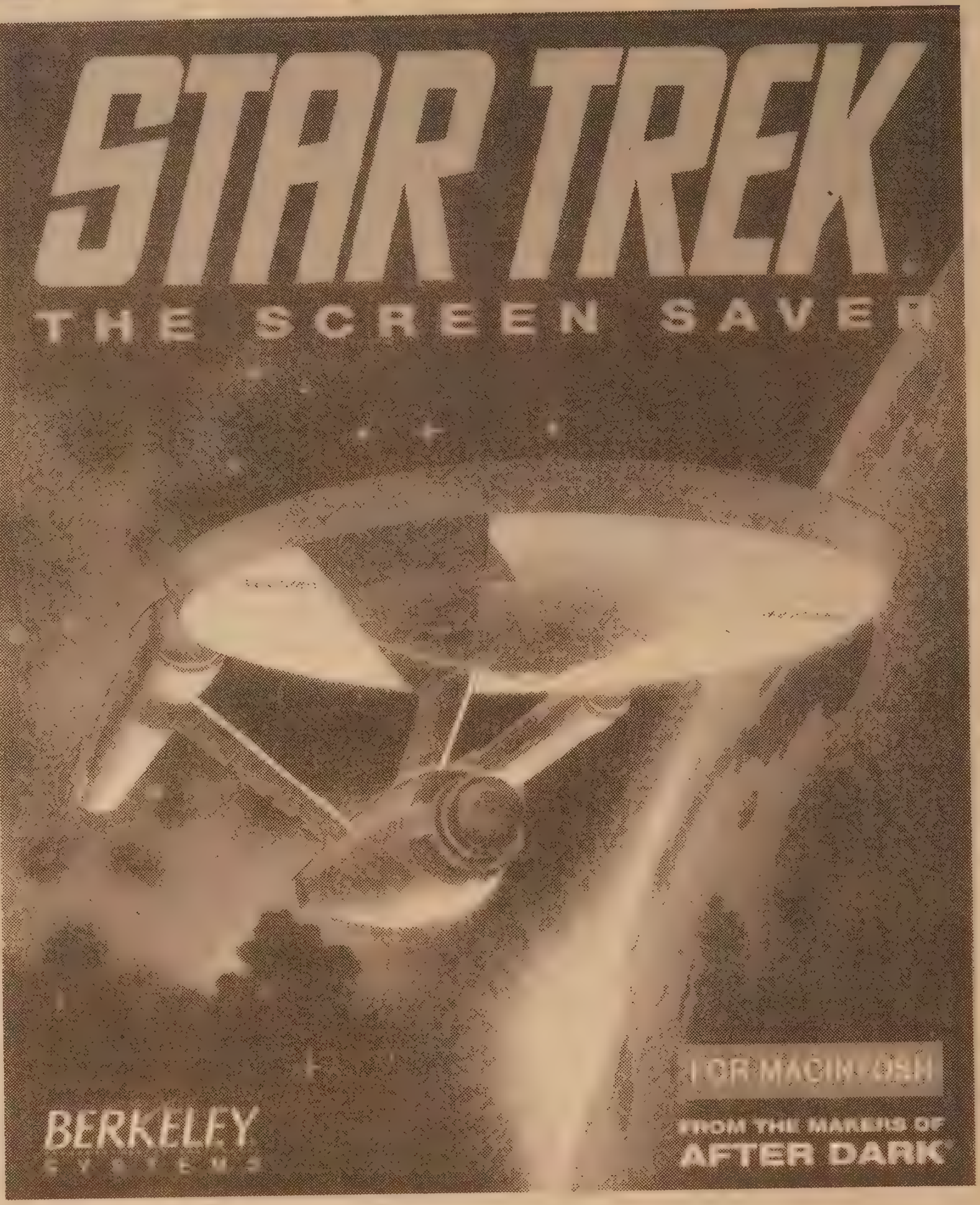

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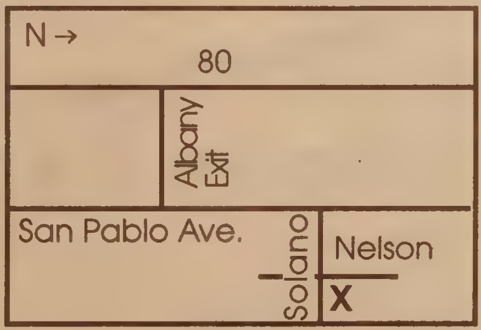

MAC SOFTWARE

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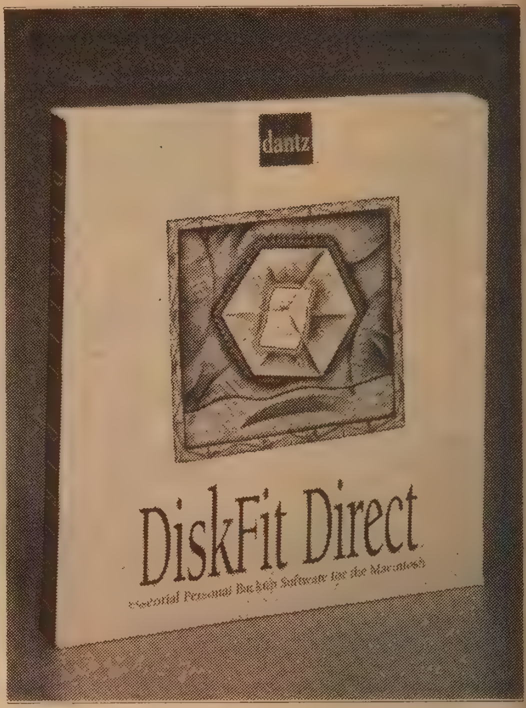

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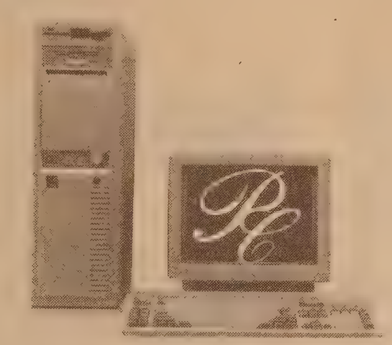

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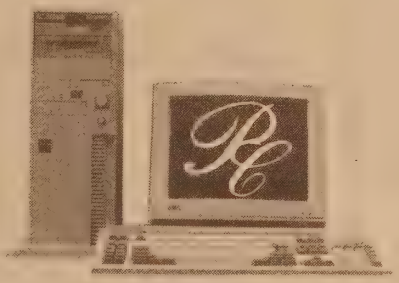

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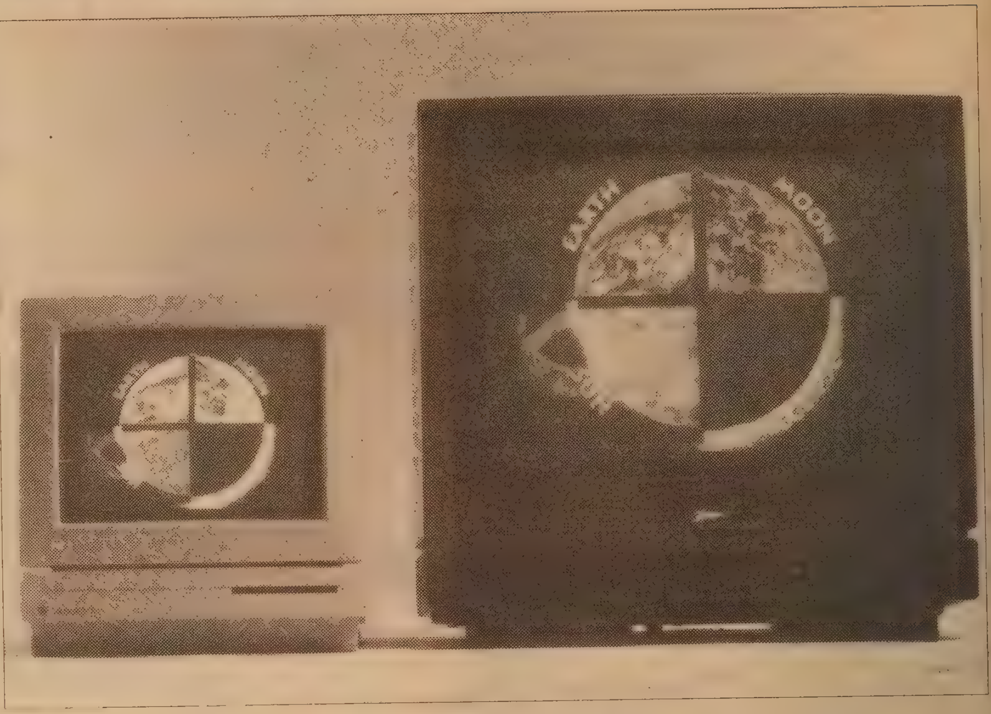
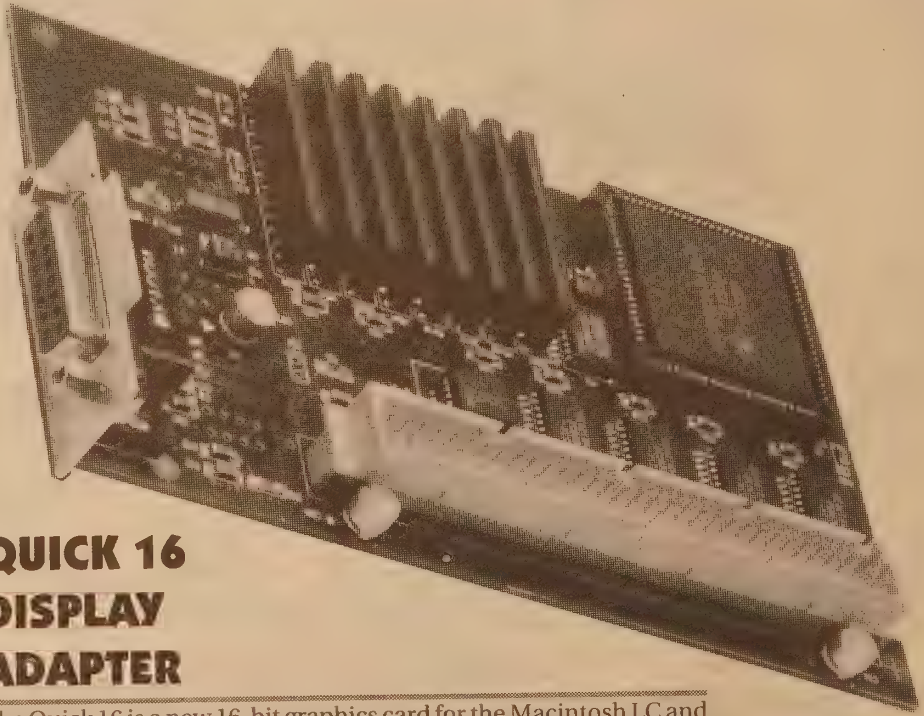


LAPIS L-TV NTSC INTERFACE CARD

The L-TV is an NTSC interface card that allows a Macintosh LC, LC II, or Performa 400 to use a television as a display device. This card offers a low-cost, convenient way to use an LC for a variety of presentation and educational applications, including lessons in the classroom, QuickTime movie presentations, and recording onto videotape. L-TV comes with TV-Show software that allows the use of a television as a presentation device while the presenter watches and controls the same action on an Apple 12" RGB display. With a maximum cable length of 25-feet and a standard VCR-style RCA connector on the interface board, no special connectors or cables are required. ($349) Lapis Technologies, Inc., 1100 Marina Village Pkwy., Alameda, CA 94501. (510)748-1600.



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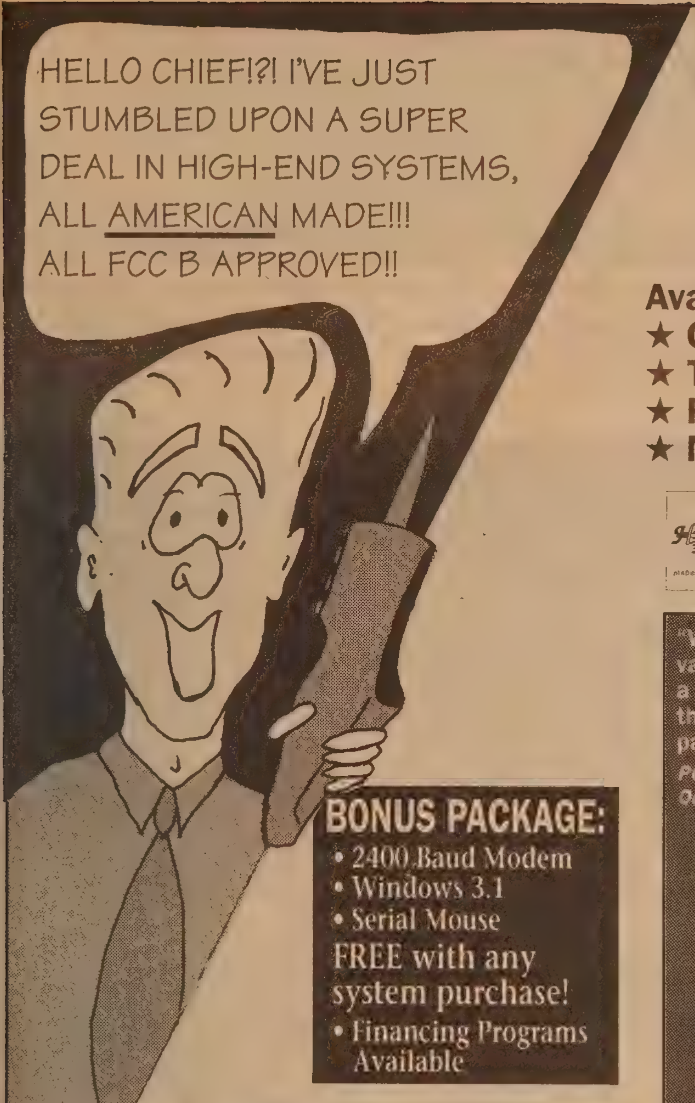
The Quick 16 is a new 16-bit graphics card for the Macintosh LC and LC II computers. It offers support for Apple 12", 13", 15", and 16" displays, the Radius Color Pivot, and most VGA compatible displays. Performance is increased in two ways. First, Quick 16 optimizes QuickTime's performance by operating in QuickTime's native 16-bit depth. Second, processor intensive screen redraws are off-loaded from the CPU and handled by Quick 16. It is also expandable, providing a math coprocessor socket. In addition, users can add an NTSC upgrade for output to a television or VCR. ($595) Envisio, Inc., 510 First Ave. N., Suite 303, Minneapolis, MN 55403. (612)339-1008.

POWERPLAY

This 15" monochrome portrait display connects easily to any Macintosh computer with a SCSI port, including the PowerBook, Classic, and Plus. PowerPlay is designed with a built-in 20MHz 68000 microprocessor which handles all video processing and the onboard QuickDraw acceleration for enhanced display performance. When connected to a PowerBook or compact Macintosh, PowerPlay's proprietary software permits the use of both the built-in screen and its 15" screen simultaneously. It also features a screen refresh rate of 72MHz, resolution of 640 x 870 pixels at 80 dpi, and two SCSI ports. ($999) Generation Systems, Inc., 2648 Patton Rd., St. Paul MN 55113. (612)633-5222.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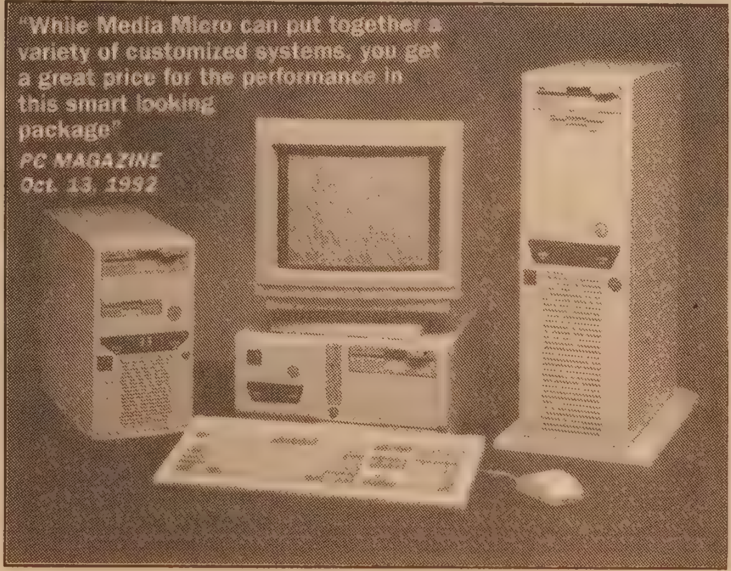

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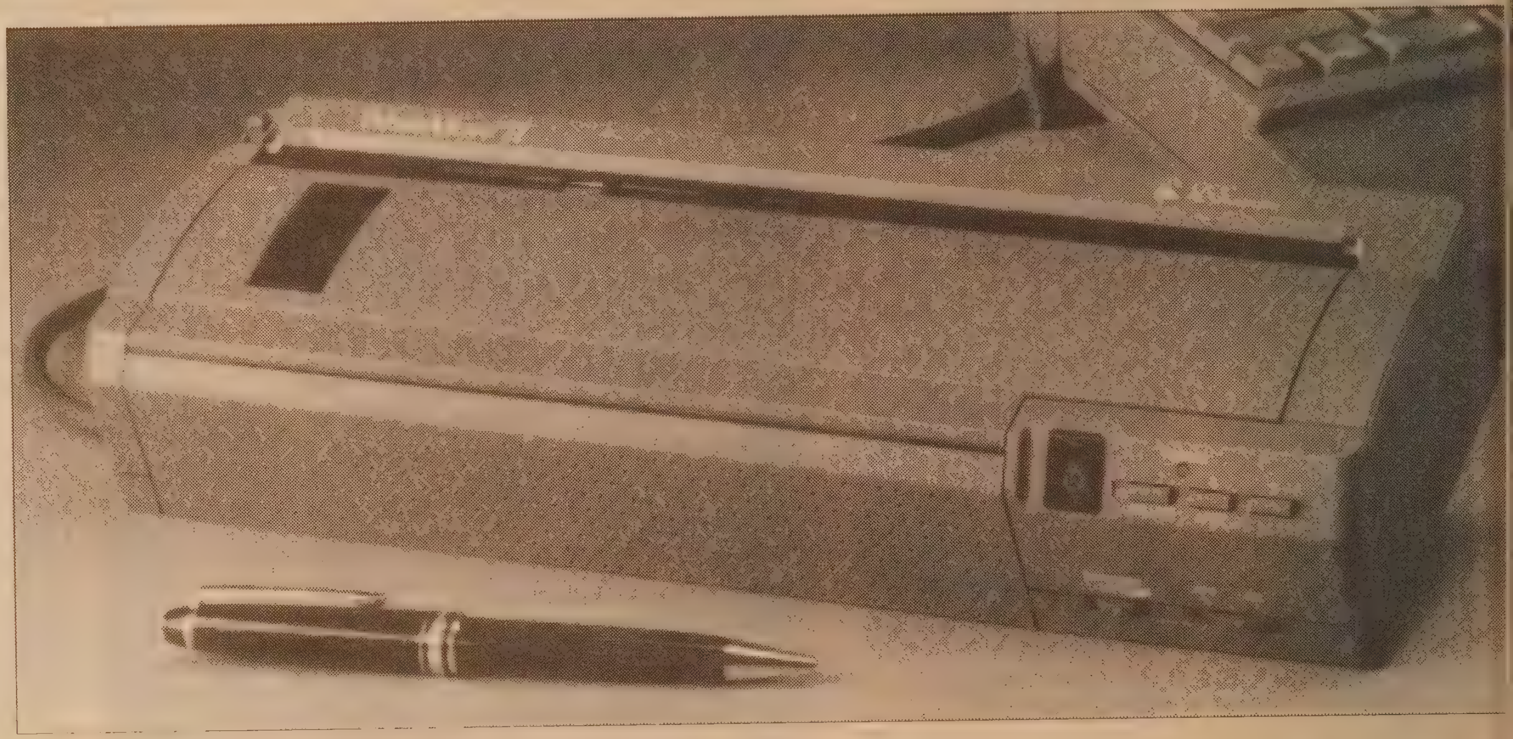

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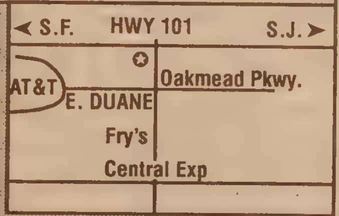

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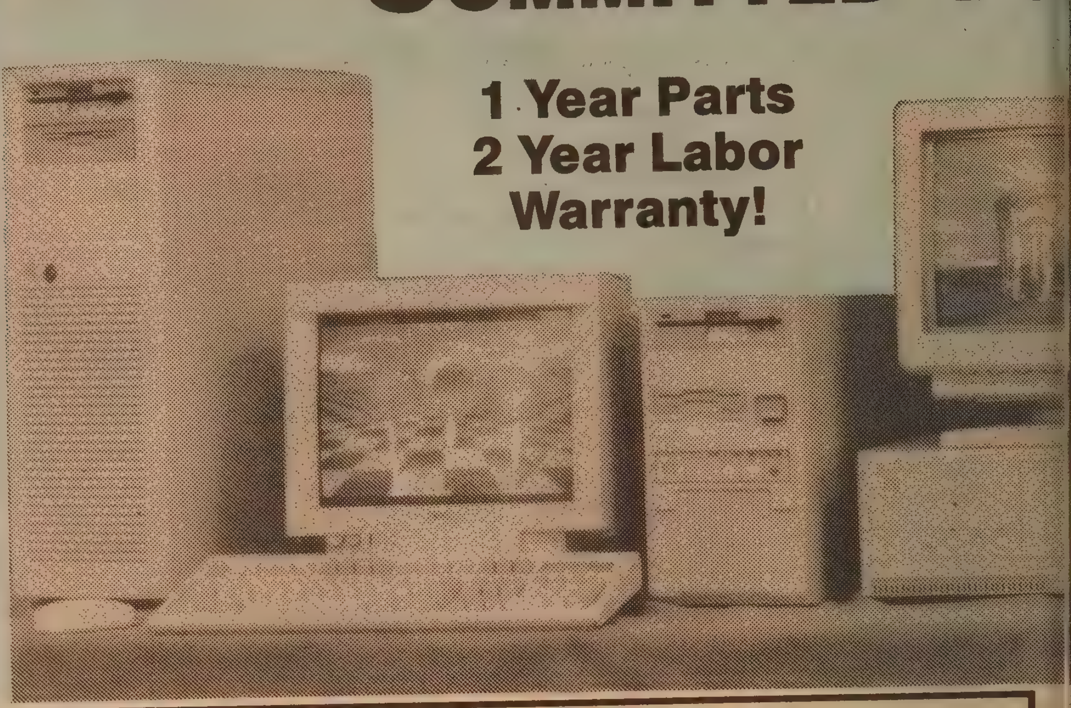

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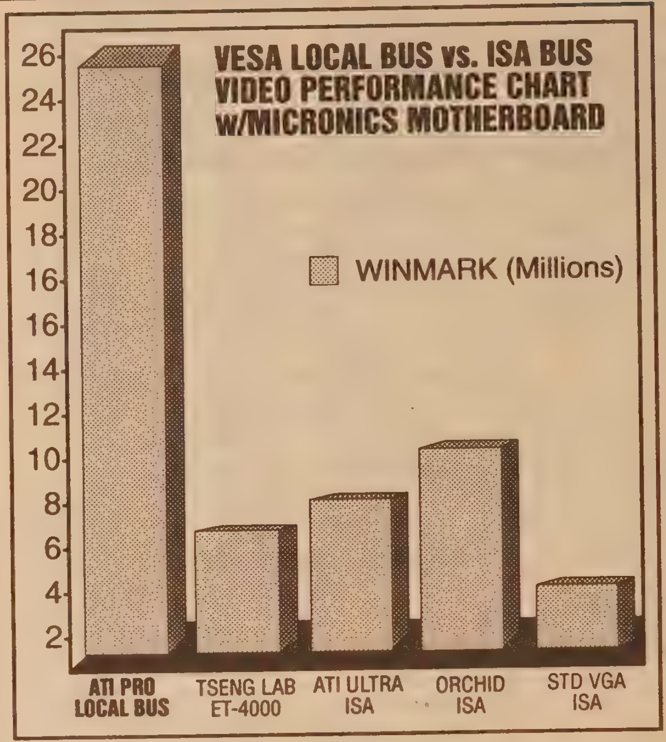

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The NeWSprint 20 laser printer is designed to meet the high reliability, throughput and flexibility requirements of large workgroups and small departments. In any computing environment that includes a SPARC system, this 20ppm printer is accessible to any computer on the network, including PCs and Macintosh computers. The NeWSprint 20 is equipped with everything needed to print out of the box, including NeWSprint software—the backbone of SunPics' open network printing model. It is also bundled with fifty seven F3 fonts and prints on both 8.5" x 11" and 11" x 17" paper. Two paper trays are standard to allow up to five hundred sheets of paper to be printed continuously. ($2695) SunPics, 2550 Garcia Ave., Mountain View, CA 94043-1100. (415)960-1300.

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SCI-Net 3000 is an open architecture, distributed fax messaging system for Sun workstations. Users can view, compose, edit, broadcast, send, receive, and message fax messages and phone trunks. It has a command language superset of its graphics interfaces, so users can fax from word processing or UNIX applications, such as FrameMaker, WordPerfect, or email. The SCI-Net 3000 offers expandability. A low initial investment of one or two fax lines can be scaled to enterprise wide communications, simply by adding more modems, device managers, and user licenses. Using most external, commercial external fax modems, System Administrators can move modems around the network without changing any user's view of the network or its modems. (Pricing begins at $1795 for a single server and a two client, floating license) TGI Technologies, Inc., 107 E. 3rd Ave., Vancouver, BC, V5T 1C7 Canada. (604)872-6676. Email: tgi-info-request@tgivan.wimsey.bc.ca.

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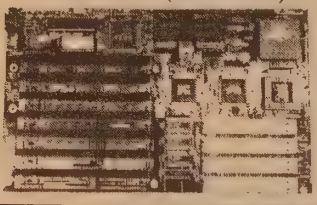

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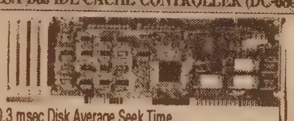

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386DX-33/64CU	ISA	170	340
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386SX-33	ISA	109	279
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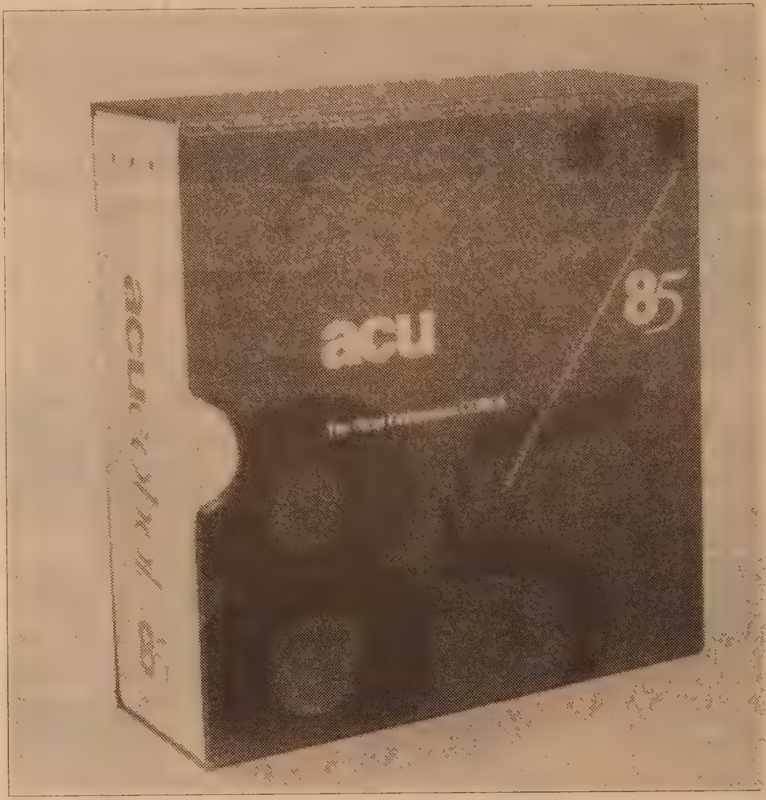

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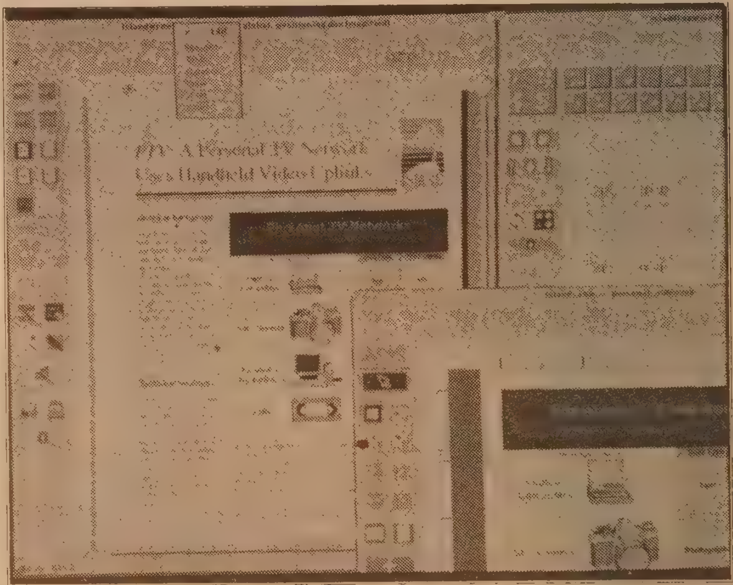
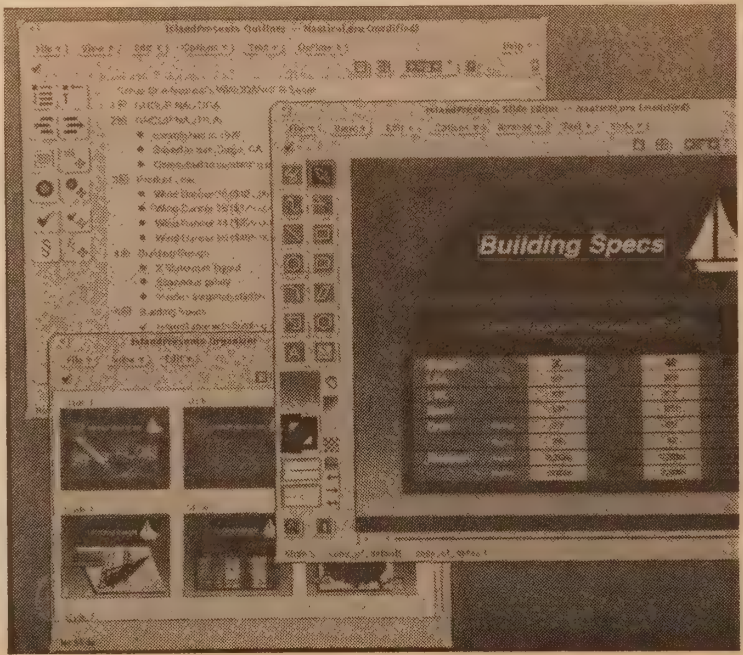
Software through Pictures, for SCO Open Desktop Release 2.0, is a multiuser, integrated CASE environment that supports the entire development process for technical and commercial applications. It includes graphical editors as well as code, design, and documentation generators all sharing a common repository. The graphical editors support both structured and object-oriented development methods and notations, including Structured Analysis, Information Modeling, and Object-Oriented Structured Design. Software through Pictures is an ideal package for MIS departments who want to downsize to UNIX but want to protect their investment in Intel-based PCs. (Single license price ranges from $5,000 to $21,000, depending on the configuration selected) Interactive Development Environments, Inc., 595 Market St., 10th Floor, San Francisco, CA 94105. 1-800-888-IDE1

ISLANDWRITE 4.0

IslandWrite is available as a separate module from Island Write, Draw & Paint. IslandWrite 4.0 adds easy-to-use WYSIWYG IslandTable and IslandEquation modules that let users create tables and equations for their IslandWrite documents. Version 4.0 also offers enhanced user interface controls, and supports the addition of PostScript Type 1 fonts. IslandWrite also offers a thesaurus, keyboard macros and containers, and imports troff and Microsoft Word RTF text. Users can also create headers and footers in a pop-up window easily; IslandWrite creates the header and footer on the page format automatically. ($695) Island Graphics Corp., 4000 Civic Center Dr., San Rafael, CA 94903-4178.1-800-255-4499.





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IslandPresents is an easy-to-use WYSIWYG presentation and business graphics solution for OSF/Motif and Sun SPARCstation users who need to quickly organize their ideas into overhead presentations, on-screen presentations, 35mm slides, and color handouts. You can illustrate your presentations with clip art from IslandPresents' library of over 1100 images. This package includes thirty-five PostScript fonts and lets you add other Type 1 fonts. Multimedia features include the ability to display full-screen presentations and drive large screen displays. IslandPresents provides three tightly linked views of a presentation: Outliner, Slide Editor, and Slide Organizer. There are also charting, table editing, and painting modules. (List price for a single user network license is $995) Island Graphics Corp., 4000 Civic Center Dr., San Rafael, CA 94903-4178.1-800-255-4499.

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ISA 486-50 W/256K	731	905
ISA 486-50 W/64K	701	875
ISA 486-33 W/256K	528	702
ISA 486-33 W/64K	496	670

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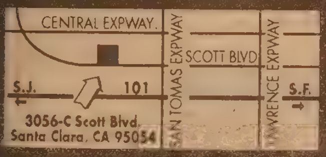
DEALER INQUIRIES WELCOM



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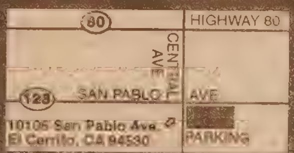

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The Sentinel library is a comprehensive debugging tool that supports run-time verification of pointer usage and dynamic memory allocation in both C and C++. It is designed to assist programmers in locating and resolving hidden bugs with the use of dynamic memory. It traps memory errors, traces stack and reports the source file, function name, and line number of the offending statements. The Sentinel debugging environment is supported on Solaris 1.0.1 (Sun OS 4.1.2) for Sun SPARC-II and compatibles, HP-UX 8.0 for HP 9000/8xx systems, SVR 3.2 and 4.0 on Intel 386 and 486 systems. (Prices begin at $195 for the Intel 80x86 environments) Virtual Technologies, Inc., 46030 Manekin Plaza, Suite 160, Sterling, VA 22170. (804)690-9020

ENERGIZE 1.1

The Energize Programming System is an advanced software system for developing and understanding C++ and C code on Sun SPARC and compatible workstations. Energize 1.1 offers greater fit with the tools and libraries that C and C++ programmers use, such as math libraries and the latest version (3.0.1) of Stanford University's popular InterViews library. Unlike other programs, it provides incremental compilation and linking to decrease the amount of time a programmer must wait when making changes to the program. It is also designed to allow a programmer to navigate through an entire program in the process of understanding code structure and isolating problems. (For five-person workgroups, it is priced at $3250 per seat, and $2950 per seat for ten-person workgroups) Lucid, Inc., 707 Laurel St., Menlo Park, CA 94025. (415)329-8400.

LOTUS CC:MAIL FOR UNIX

Lotus introduced cc:Mail for UNIX, an Open Look graphical user interface implementation with support for Simple Mail Transfer Protocol (SMTP)-based email systems. It runs on a Sun SPARCstation and allows users to create multimedia messages and file attachments in the UNIX environment and share them with other cc:Mail users regardless of their platform. cc:Mail messaged files can be stored on any server that is accessible from a Sun SPARCstation through Network File Systems. UNIX users can communicate transparently with users of DOS, OS/2, Windows, and Macintosh versions of cc:Mail. (Suggested retail price of $895 for the UNIX Platform Pack) Lotus Development Corp., 55 Cambridge Pkwy., Cambridge, MA 02142. (617)577-8500.

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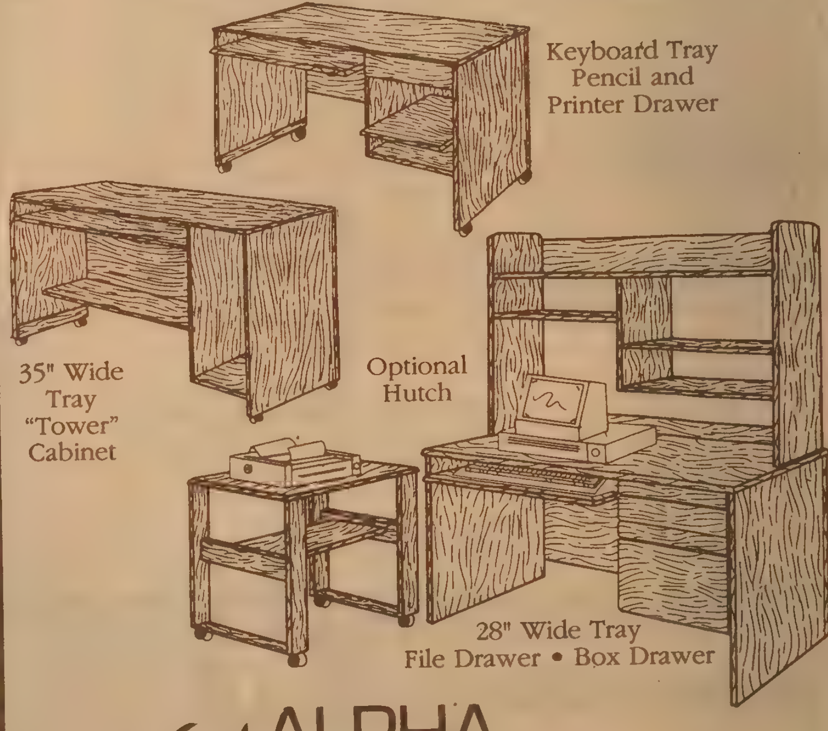

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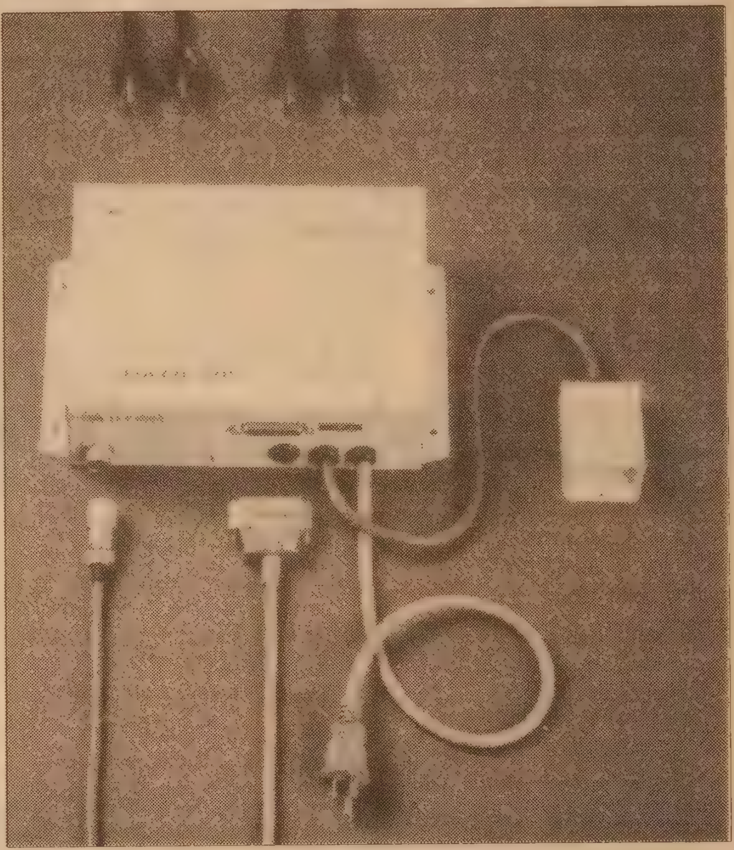

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QVT82 DISPLAY

The QVT82, the new Series II terminal from Qume, features a UNIX Console mode, plus full Wyse 60, ADDS A2, and PC Term emulation. It uses a 14" flat CRT with 78Hz refresh rate to eliminate screen flicker. The QVT82 has two serial ports, one parallel port, and offers a choice of four different keyboard styles: Wyse ASCII style, DEC VT220 (ANSI), IBM 101, and IBM 102. Multinational keycaps are also offered. Available in amber, green or white phosphor displays, the terminal offers fully overscanned video to prevent distracting black borders while in reverse video mode. Up to seven pages of screen memory are standard, and are user formatted for 24, 25 or 43 data lines, and 80 or 132 columns, depending on terminal emulation. The QVT82 meets the Swedish MRP II standard for low electromagnetic radiation emissions. (479) Qume Peripherals, Inc., 500 Yosemite Dr., Milpitas, CA 95035-5426. (408)942-4000.

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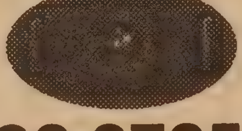

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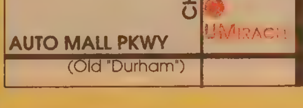

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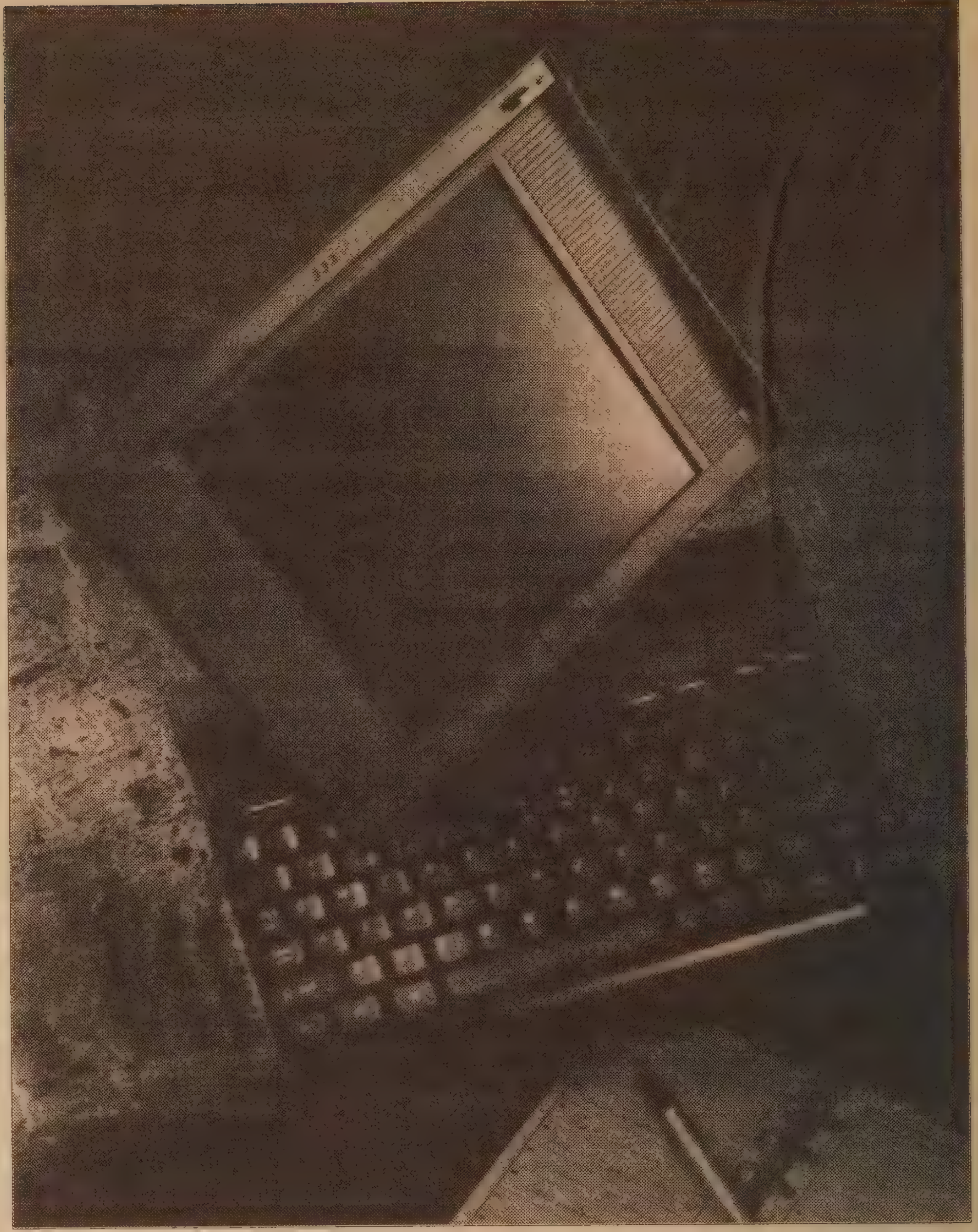
ASPEN PERSONAL 486

The Aspen Personal 486, a 25MHz, 486 notebook computer, includes 2MB of RAM, a 60MB hard disk, 10" grayscale VGA display, scanner port, external VGA port, docking station port, and both serial and parallel ports. In addition, the keyboard includes dedicated keys for the function keys, 1–12, Page and Home. The Aspen Personal is bundled with several utility and software packages, including Winlink transfer utility, Lap2Lan for connection to a network, and Lap2Desk providing hard disk access. ($1595) Aspen Computer, Inc., 5813 Main St., #10, Buffalo, NY 14221. 1-800-370-3322.



AUSTIN 386/SX-25

The new Austin 386SX-25 notebook computer offers users the full support of a desktop computer in a 5.2 lbs. notebook design. The base configuration comes with 4MB of RAM, expandable to 16MB, a 60MB hard drive, upgradable to 80MB or 120MB, a 9.4" LCD display capable of showing 64-shades of gray, a 1.44MB floppy disk drive, an 84-key keyboard with a 3mm keystroke, a built-in trackball, and a 2400bps data and 9600bps send/receive fax modem. It comes preinstalled with MS-DOS 5.0 and Windows 3.1. (2090) Austin Computer Systems, Inc., 10300 Metric Blvd., Austin, TX 78758. (512)339-3500.

AST POWEREXEC UPGRADABLE NOTEBOOK

The PowerExec 3/25SL runs at 25MHz and combines next-generation technology, complete upgradability, and intelligent power management. The system's processor board is easily upgradable to higher-performance 486 32-bit processors with 3v technology for longer battery life. Another upgradable feature is the PowerExec's LCD display. The 9.5" monochrome display is easily upgradable to either 9.5" F-STN passive matrix color or TFT Active Matrix color. Users who initially select the passive color display can also upgrade to the new 9.5 Active Matrix. The PowerExec features two, Type II PCMICA Expansion slots, a removable hard drive, password protection for security in case of theft, and improved battery design and power management for up to 6.5 hours of battery life. For emergency use, the notebook can be operated using twelve AA alkaline batteries providing up to 1.5 hours of battery life. (List price begins at $2795) AST Research, Inc., 16215 Alton Pkwy., PO Box 19658, Irvine, CA 92713-9658. 1-800-876-4278.

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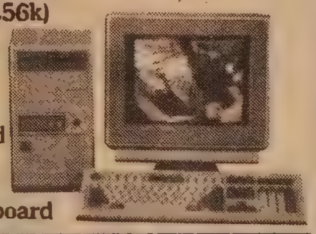

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SVGA Card 1024x768/256K	$49
SVGA Card 1024x768/1M	$75
Tseng Lab 1024x768/1M	$99
Orchid Prodesigner IIs/1M	$175
Diamond 24X Hi-Color	$169
Paradise 1024x768/1M	$99
Diamond Stealth w/1M	$239
ATI Graphics Ultra	$385
call for items not listed	

Motherboard

486-33/50 DX w/256k cache	$599/769
486-33mhz w/64k cache	$529
386-33/40 mhz/64k cache	$189/209
386-16/25SX no cache	$99/119

Monitors

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SVGA 1024x768 0.28DP	$289
SVGA 1024x768 0.28DPNI	$329
ViewSonic 6E 1024x768 0.28DPNI	$369
NEC 15" CRYSTALSCREEN (OEM)	$569
Sony 1304s 1024x768 0.25	$649
MAG 17" 1280X1024 NI	$1189
Samsung 15" Synmaster	$499
Nanao Flexscan F5501 17"	$1199

Hard Drive

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300 MB HD	$835

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Mini Tower Case W/230W PS	$65
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Big Tower Case W/230W PS	$129
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101KB	$24
101KB Maxiswitch	$39
101KB Keytronic	$49
Northgate Omni KB	$75
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1.44 Floppy Drive	$53
Three Button Mouse	$15
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Colorado Tape Backup 250 MB	$249
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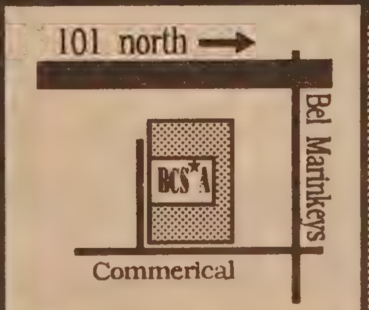
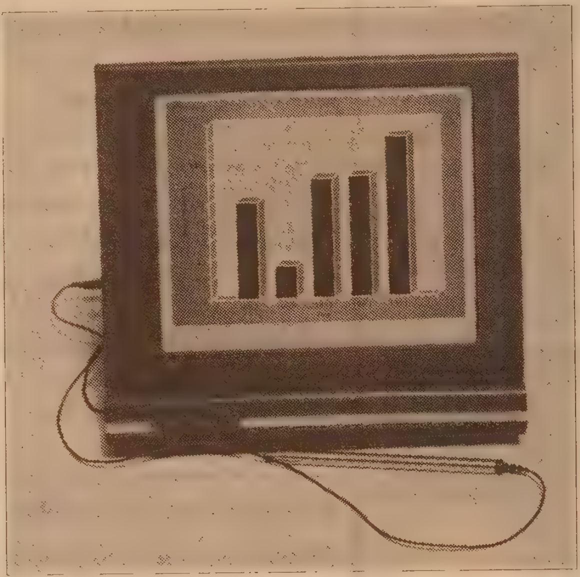


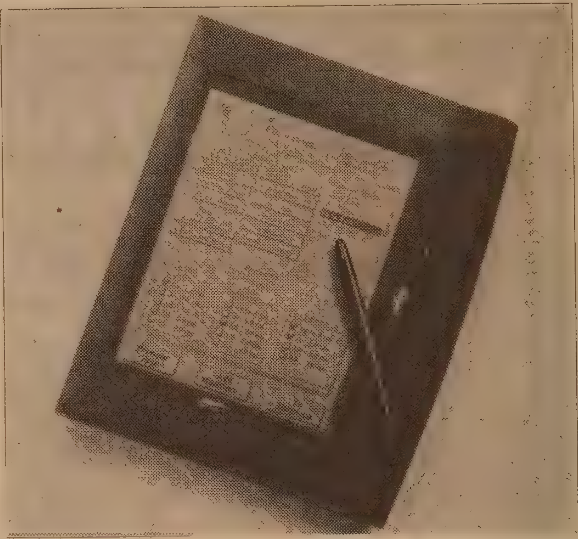
PEN-BASED HARDWARE

BUYERS GUIDE

DAUPHIN 5500 COLOR PENTOP



The Dauphin 5500 Color Pentop features a passive-matrix color VGA screen with a resolution of 640 x 480 with 256-colors. Similar to Dauphin's monochrome version of the system, the 5500 uses an Intel 386SL microprocessor running at 25MHz with 4MB of RAM, expandable to 20MB, and an 80, 130 or 200MB hard disk drive. It also includes an internal, high-density, 3.5" floppy disk drive. A PCMCIA slot in place of the floppy drive is an option. Ports include serial, parallel, external floppy drive, and an external monitor port for simultaneous SVGA display. The Dauphin 5500 functions as a sophisticated pen tablet. Flip the screen, attach a small external keyboard and the 5500 becomes a powerful color notebook. Dauphin, Inc., 1125 E. St. Charles Rd., Lombard, IL 60148. (708)627-4004.



INFOLIO

Infolio combines fast 32-bit processing power, a page-size VGA screen, 3 lb. weight, and a 12-hour battery in an electronic pen-clipboard. Currently, standard Infolio clipboard applications include an Address Book, Calculator, Clock, Calendar, Note Pad, and Scribble Pad for capturing cursive handwriting. Work-specific applications are custom-built for a wide variety of enterprises. Applications are stored on solid-state PCMCIA memory cards for maximum data safety. There are three card slots. A built-in modem allows users to upload and download data simply by plugging into any standard telephone jack. ($1895) PI Systems Corp., 103000 S.W. Greenburg Rd., Portland, OR 97223. (503)293-9585.

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Mitsubishi FS-6605ATK 16" 0.28 1024x768 non-int	+$200
Sony CPD-1304S 14" 0.25 1024x768 non-int	-$190
Adaptec 1542B SCSI Controller	-$20
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- * 2 serial & 1 parallel ports
- * AT case with power supply
- * 101 keyboard

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- * AT case with power supply
- * 101 keyboard

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386-33 64K CACHE GCP-ASIC	$430
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486-50 ISA w/64K CACHE	$795
486-33 ISA w/64K CACHE	$570
OTHERS	
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486DX2-66 ISA&LOCL BS /64K	$895
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486DX2-50 ISA&LOCL BS /256K	$660
486DX-33 ISA&LOCL BS /256K	$585
486DX-50 ISA w/64K	$775
486DX2-50 ISA w/64K	$595
486-33 64K CACHE, W/CPU	$520
486SX-25 64K CACHE, W/CPU	$255
386-33 64K CACHE, W/CPU	$190
386-40 64K CACHE, W/CPU	$220
386-25 NO CACHE, W/CPU	$155

MONITORS

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V-4E 14" 1024X768, 0.29	$315
V-2 14" 640X480, 0.28	$290

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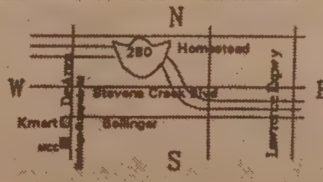
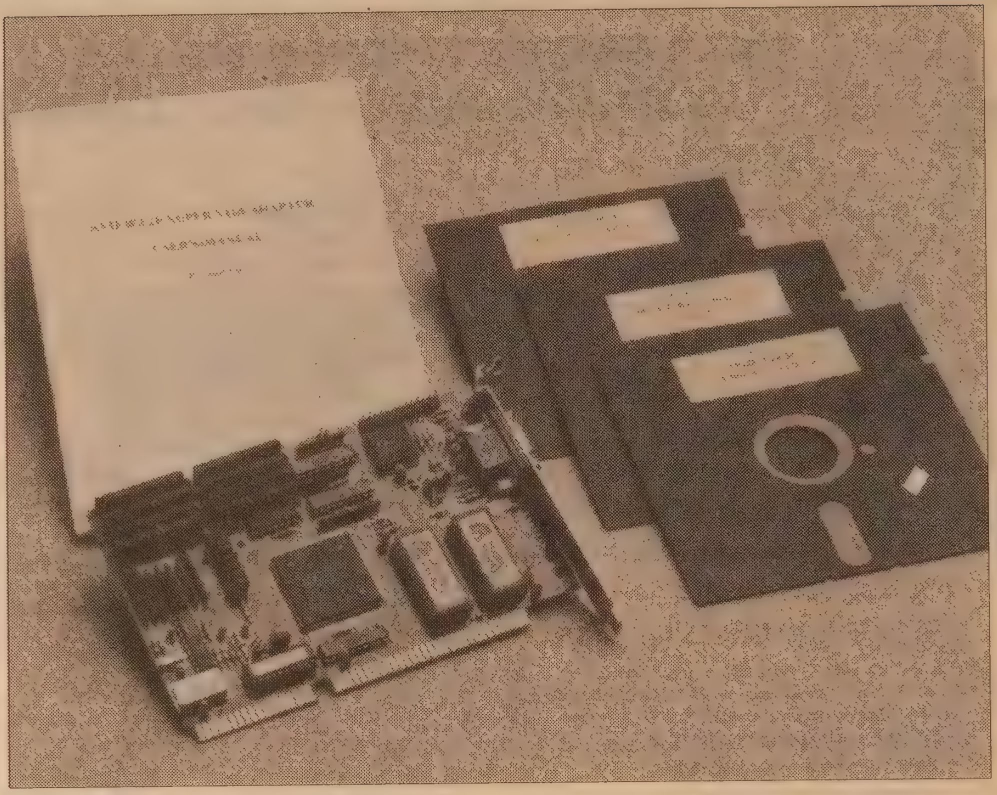
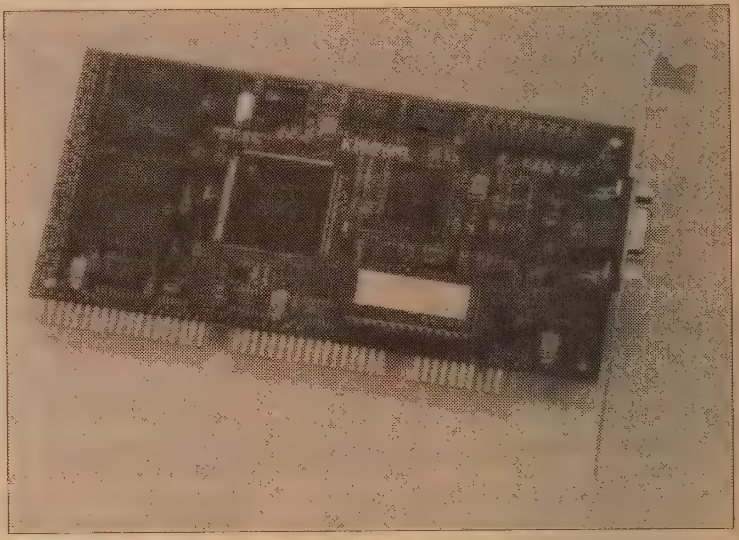




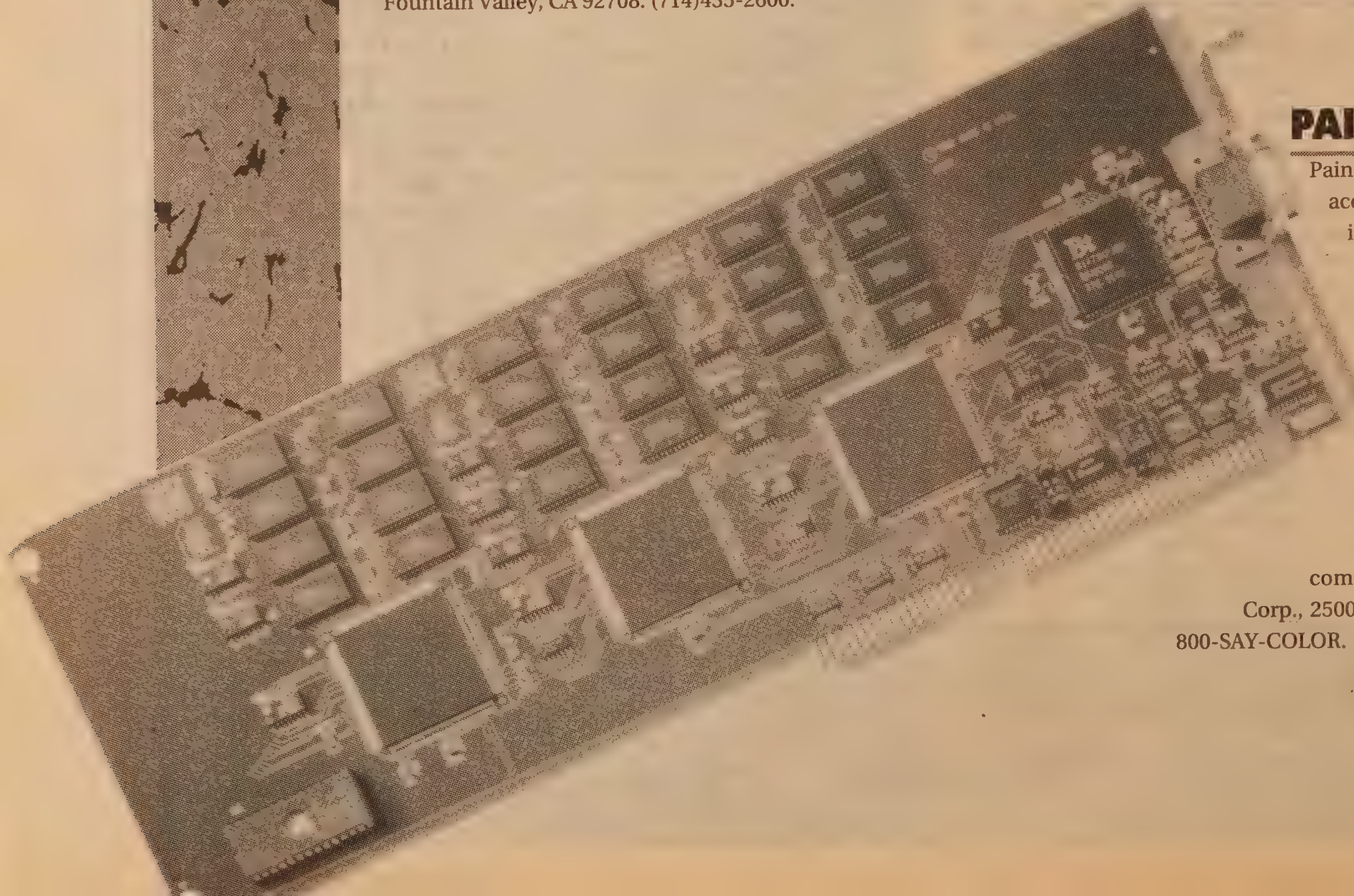
MICRO EXPRESS ACCELERATOR CARD

This new Windows accelerator card supports resolutions up to 1028 x 1024 pixels with 16-colors, and up to 1024 x 768 with 256-colors. The card is based on the S3 video processor and includes 1MB of RAM. Micro Express offers the Accelerator Card with a wide range of software drivers, including drivers for AutoCAD 386, Release 10, and Release 11; Windows 3.0 and 3.1; GEM; Lotus 1-2-3; Ventura Publisher; WordPerfect 5.0 and 5.1; and Microsoft Word 5.0. A full 7-year full-exchange warranty is included, with shipping for the first four months paid both ways by Micro Express, as well as a 30-day money back guarantee. Technical support is available 24-hours a day, 7-days a week through a toll-free number. ($245) Micro Express, Inc., 1801 Carnegie Ave., Santa Ana, CA 92705. 1-800-989-9900.



VIEWREX WINDOWS ACCELERATOR

ViewRex is a SuperVGA video adapter that is specifically designed to provide optimum price performance for users in Windows business applications, improving the performance of Windows spreadsheets, word processing, and other programs that require extensive text scrolls, reformats, and cut and pastes. Based on the Weitek 5186 Windows graphics accelerator chip, the ViewRex supports screen resolutions of up to 1024 x 768. It comes standard with 512k of RAM and offers a 356-color palette in 640 x 480 or 16-color palette in higher resolutions. ($149) Kingston Technology Corp., 17600 Newhope St., Fountain Valley, CA 92708. (714)435-2600.



PAINTBOARD PC

PaintBoard PC is RasterOps first true color accelerated display adapter for graphic artists and business professionals working in Windows. PaintBoard PC provides high-resolution, 24-bit color in a low-cost, single-slot solution. It supports a variety of resolutions, up to 1024 x 768, in non-interlaced mode and displays 16.7 million colors. PaintBoard PC works with all Windows 3.x, 24-bit application running on IBM PC-AT compatibles and EISA compliant computers. ($1299) RasterOps Corp., 2500 Walsh Ave., Santa Clara, CA 95050. 1-800-SAY-COLOR.

GUI Greats are About to Gather at the Windows & OS/2 Conference

Lee Reiswig, Assistant
General Manager, Personal
Systems Programming

IBM Strategy Briefing

Wednesday, January 20th, 4:00-5:00pm

IBM's Overall Software Strategy Today, Tomorrow...and Beyond

By Lee Reiswig, John Patrick and Lois Dimpfel

Here it is–IBM show-and-tell! See firsthand a broad range of extensions, including the latest technology incorporated into shipping OS/2 products, OS/2 beta, and associated development software. Included will be future enhancements to the operating system, multimedia extensions, development tools, LAN systems, database manager, communications software, systems management tools & enablers, and more.

Dwayne Walker
Director of CNS Marketing
& Development

Microsoft Strategy Briefing

Thursday, January 21st, 4:00-5:00pm

Enterprise Computing Strategy for the '90s

By Dwayne Walker

Here's what you have been waiting for: an update on Microsoft's "Information at Your Fingertips" strategy and a look at Microsoft's Workgroup and Client Server Computing Strategy. In addition, you'll get a detailed update that covers Windows, Windows for Workgroups, Windows NT, SQL Server, and LAN Manager.

If you're concerned about the future of graphical environments for PC computing, you simply must attend the Microsoft Strategy Briefing and the IBM Strategy Briefing at the Windows & OS/2 Conference. The information you get from just these two sessions could set your course for years to come. Together with the 65-plus Conference sessions, Tutorials and *new* Solutions Samplers, and a power-packed exhibition floor, you can see, learn and discover the new world of Windows and OS/2 in more depth than ever.

Keynote Address

Wednesday, January 20
9:00-10:00am

Michael Schrage, author of *Shared Minds; The Technologies of Collaboration* and weekly columnist for the *Los Angeles Times*

The Myth of the Information Age: Creating Organizational Operating Systems

Groupware is heralded by info gurus as the most significant new vehicle to wring value from enterprise computing. But do organizations–and the people who sell information technology to them–really understand value? Is "information technology" the appropriate medium to manage what are basically challenges in organizational relationships? This presentation will offer a new perspective on what the real potential and future of groupware might be–and why the est groupware may not even turn out to be groupware after all. This talk is intended for people who are responsible not just for investing in new technologies, but for making sure that the enterprise gets a alpable, measurable return on those investments.

Plenary Session

Thursday, January 21
9:00-10:00am

Fred Langa
Editor-In-Chief of
Windows Magazine

Who's Papering Over GUI Cracks? (or, I can't get the #&$# software to work)

The user interface is the key to unlocking the power of Windows and OS/2 for both single users and workgroups. But Microsoft, IBM, Lotus, and Borland are changing the locks! They have different ideas about what makes a good user interface. As they head in different directions, users may get left in the dust as applications actually become harder to make work together, and data becomes harder to share–the opposite of what graphical user interfaces are supposed to do. Here's your chance to hear what's really behind these and other changes as interface designers from major software companies explain their choices and answer questions about ease-of-use, training/retraining, and interoperability in the next releases of their software.

Developer's Keynote

Friday, January 22
9:00-10:00am

Gordon Eubanks
President and CEO of
Symantec Corporation

Software Development in a Multiplatform World

Software development faces a growing challenge: proliferation of multiple desktop platforms, increasing heterogeneity of corporate installations, and growing competition in a global marketplace. As a veteran of the software industry, Gordon Eubanks knows what works and what doesn't in meeting today's software development challenges. He will discuss efforts to develop an applications framework solution (The Bedrock Technology™) that speeds cross-platform development, aids in the use and reuse of code, and accelerates localization of products for a global market.

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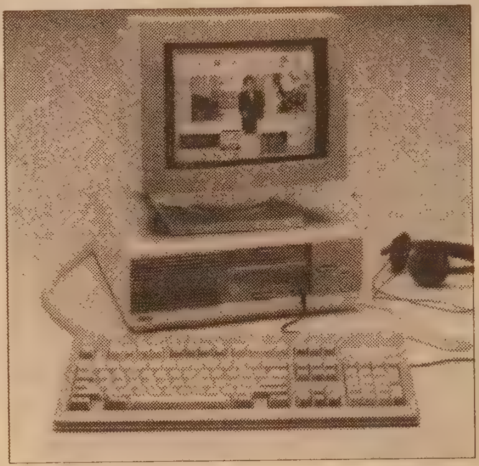
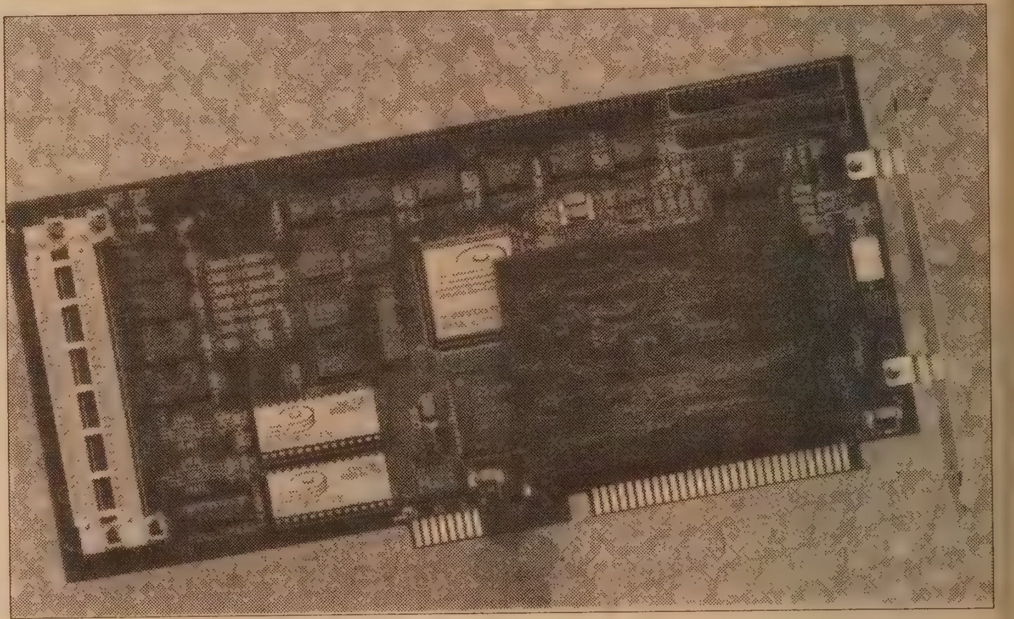
ME-486DLC

The Micro Express 33MHz ME-486DLC personal computer uses the Cyrix 486DLC microprocessor. Standard features include 4MB of RAM, 256K of external RAM cache, a 120MB IDE hard drive, both 3.5" and 5.25" floppy disk drive, Super VGA Color graphics card and monitor, a mouse, keyboard, DOS 5.0, and Windows 3.1. Upgrading from the 33MHz to 66MHz requires simply removing the 486DLC microprocessor from the ZIF (zero insertion force) socket and replacing it with the i486DC2/66 microprocessor. ($1499. The 66MHz version is $2349) Micro Express, Inc., 1801 Carnegie Ave., Santa Ana, CA 92705. (714)852-1400.

NCR 331 MULTIMEDIA LEARNING STATION

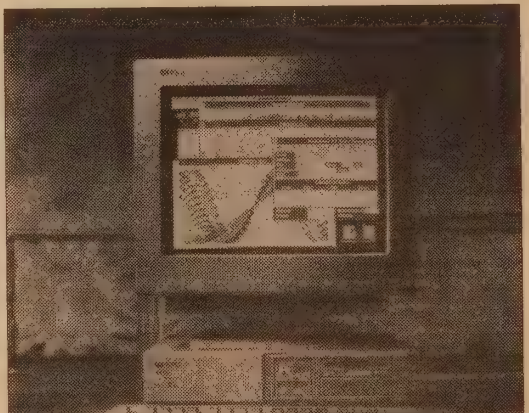
The NCR Multimedia Learning Station is ideal as an online business training and education system. Unlike i386-based, 16-bit multimedia PCs for home entertainment or classroom use, this system delivers true 32-bit performance with a wide pathway to system memory, in a Windows environment. It offers users full-motion digital video, CD-quality audio, and colorful, flicker-free graphics of the highest resolution. It also includes a fully featured IconAuthor run-time module to support any IconAuthor course developed on any platform. In audio capabilities, the Learning Station offers MPC-compatible stereo audio, including 16-bit sampling and playback, a Yamaha YMF262 20-voice stereo synthesizer, and a wide variety of audio mixer capabilities. (List prices start at $5300) NCR Corp., 1700 S. Patterson, Dayton, OH 45479. 1-800-225-5627.





WINSTORE

winStore is a high-performance IDE controller for Windows with built-in hardware data compression. Combining performance and compression in a plug-and-play controller, winStore is the perfect solution for disk-intensive and disk-hungry Windows. Based on the core technology used in the hyperStore Intelligent Controller, winStore works with FastDisk, the Windows 32-bit hard disk interface. To further improve performance, users may add .5, 2, or 8MB of dedicated cache memory, using standard inexpensive SIMM modules. To install, simply insert the three-quarter length AT-bus card into any 16-bit bus ISA or EISA and move the drive cables from the existing adapter or motherboard connectors to the winStore. There is no software to run, and no initialization or reformatting is required to get started. ($595) Perceptive Solution, Inc., 2700 Flora St., Dallas, TX 75201. 1-800-486-FAST.



HP VECTRA 7486N PC SERIES

The HP Vectra 7486N PC series can be used as standalone systems or as clients in client-server networks. The series consists of four low-priced PCs based on the 25MHz 846 SX, 33MHz 486 DX, 50MHz 486 DX2, and 66MHz 486 DX2 processors. They are available preconfigured with an HP EtherTwist or Token Ring interface card. The systems are tested and certified with all major desktop and network operating systems and can be remotely started from any network server running Novell NetWare, Microsoft LAN Manager or OS/2 IBM LAN Server. (List prices start at $1149) Hewlett Packard Co., 3000 Hanover St., Palo Alto, CA 94304.

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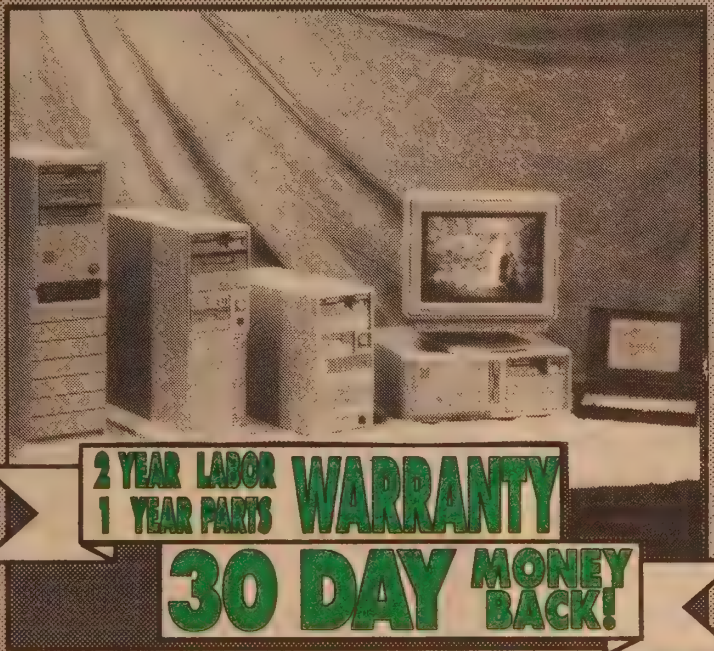

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- Math Co-Processor Socket
- Clock/Calendar w/Battery Back-up

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486DX2-50 W/64K	$1355
486DX50 W/64K	$1495
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- Desktop Baby or Mini Vertical Case
- Math Co-Processor Socket
- Clock/Calendar w/Battery Back-up

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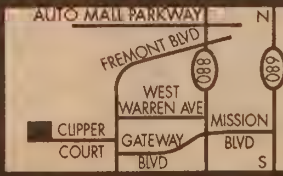

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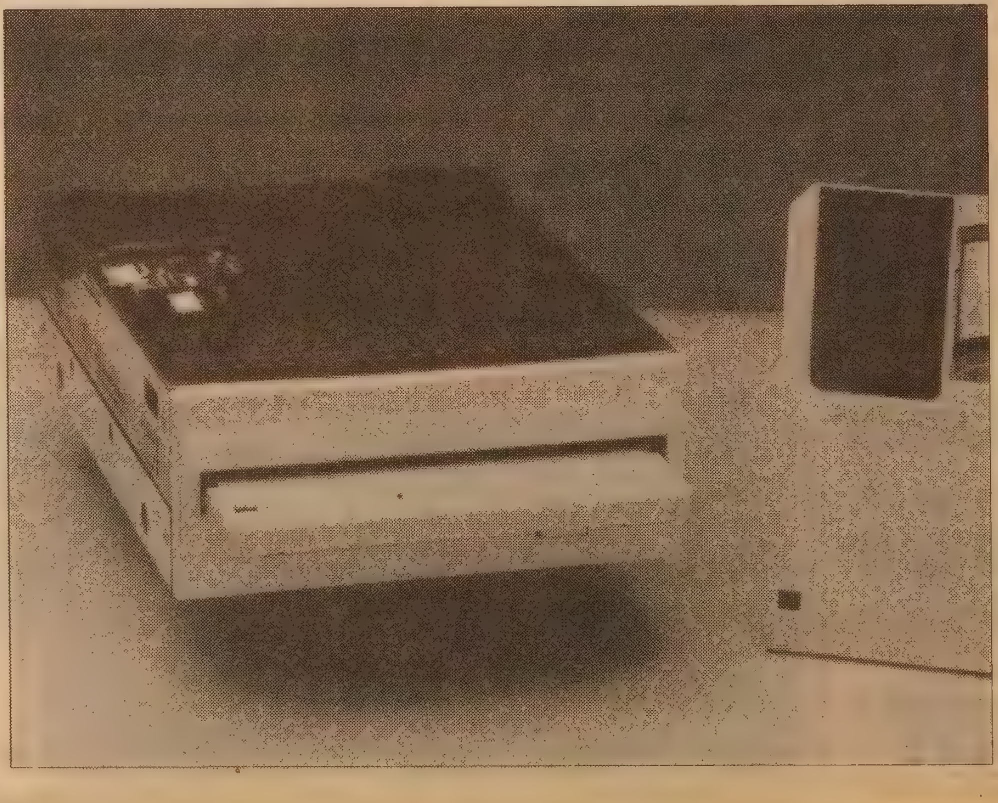
HYUNDAI PLAYER MULTIMEDIA PC

The Player MPC are targeted at users who want to maximize the viewing enjoyment of sophisticated multimedia applications that combine video, music, sound, and text. The core system is built on Hyundai's 486SX33 PC, and offers flexibility and upgradability with five full-length ISA slots. The Player has a 32-bit local bus chipset integrated on the motherboard to ensure a quick refresh rate. It comes standard with a 14" non-interlaced color monitor, an IDE hard drive, double speed CD-ROM drive, and five CD-ROMs including Microsoft's Bookshelf. An optional TV tuner allows users to watch television on their PC monitor through a window. (Base unit with 120MB hard disk drive is $2299) Hyundai Electronics Industries Co., 1-800-933-3445.

ALR
PowerFlex FLYER
i486SX
$995

ALR POWERFLEX FLYER 4SX/20

The new ALR PowerFlex Flyer 4SX/20 delivers the advanced performance of a 20MHz Intel i486SX CPU for under $1000. The 4SX/20 comes standard with a full array of integrated features. A built-in Super VGA controller supports graphics resolutions up to 800 x 600. Disk drive access is accomplished through an integrated IDE hard disk interface and a built-in floppy drive controller. Several hard drive options are available. The system comes equipped with two serial ports, one parallel port, and one PS/2 compatible mouse port. These features are integrated onto the motherboard, leaving three ISA I/O slots open for expansion. This system also features an ALR high-performance 16-bit I/O connector. (Suggested list price begins at $995 for Model 1) Advanced Logic Research, Inc., 9401 Jeronimo, Irvine, CA 92718. (714)851-6770.



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- 72 Hours Burn-In

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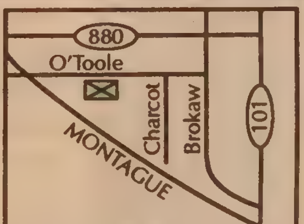

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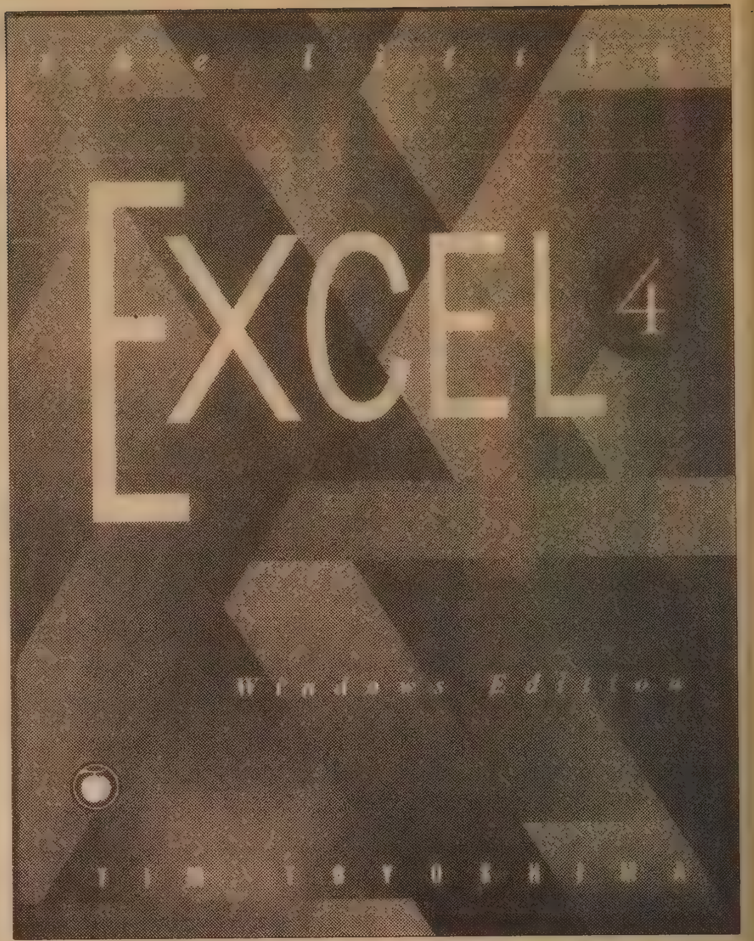
BOOKS

THE LITTLE EXCEL 4 BOOK, WINDOWS EDITION

Tim Toyoshima has written a concise introduction to the latest version of Excel 4.0, the leading graphical spreadsheet program for Windows. While Microsoft contends that 4.0 "makes powerful things easy" and gives instant, easy access to spreadsheet tasks, the array of options can be confusing and daunting to a beginner. This new book cuts through Excel's massive list of features and gives users the essential skills to put information in a worksheet, analyze it, organize it, and present it. ($12.95) Peachpit Press, 2414 Sixth St., Berkeley, CA 94710. (510)548-4393.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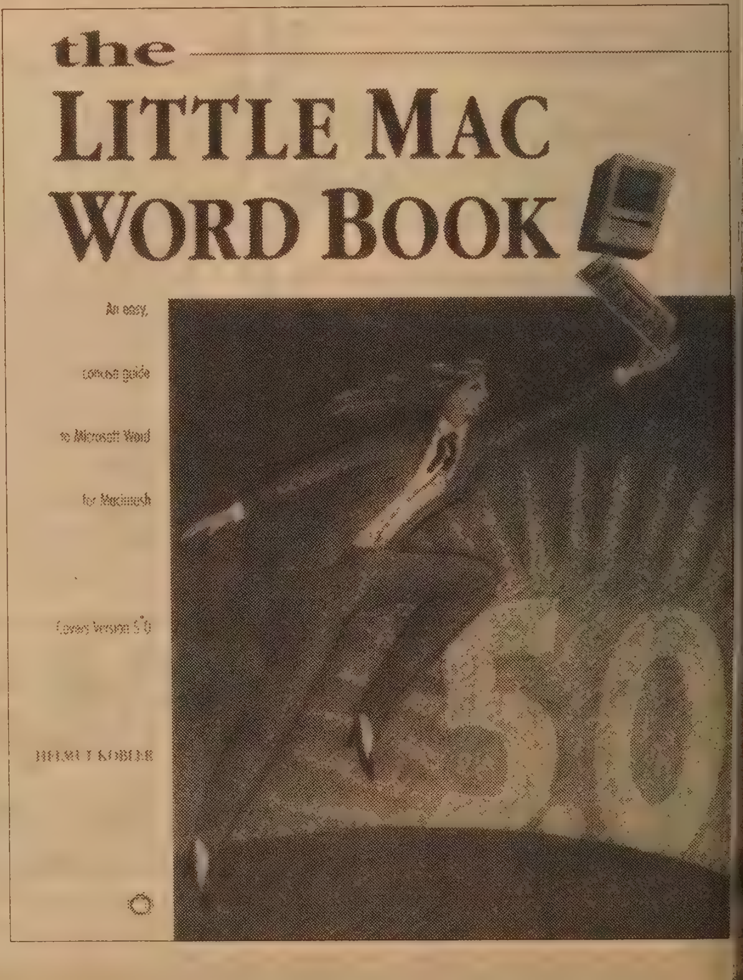
The America Online Membership Kit & Tour Guide provides a look at the fastest-growing online service in the US. Fully authorized and endorsed by America Online, Inc., this official handbook is the first comprehensive guide to this user-friendly service. The package includes operating software and ten hours of free sign-in time for new and current users alike. The Macintosh edition is written by Tom Lichty, and the PC edition is by Tom Lichty and Kathy Parks. ($34.95) Ventana Press, PO Box 2468, Chapel Hill, NC 27515. (919)942-0220.

THE LITTLE MAC WORD BOOK

The Little Mac Word Book, by Helmut Kobler, offers an easy, concise guide to Microsoft Word 5.0 for the Macintosh. Whether you are new to Microsoft Word or an experienced user, this book will help you get going right away with 5.0's new features. There are many changes to the latest version of Word, many of them minor. While this little book does not cover every changed facet of the software, it covers the additions that affect how you work with Word. Changes in Word 5.0 that are discussed in the book include, new drawing tools, improved find and replace feature, grammar checking, equation editor, print merger help, the new Ribbon, voice annotations, new preferences, drag-and-drop editing, and much more. ($15.95) Peachpit Press, 2414 Sixth St., Berkeley, CA 94710. (510)548-4393.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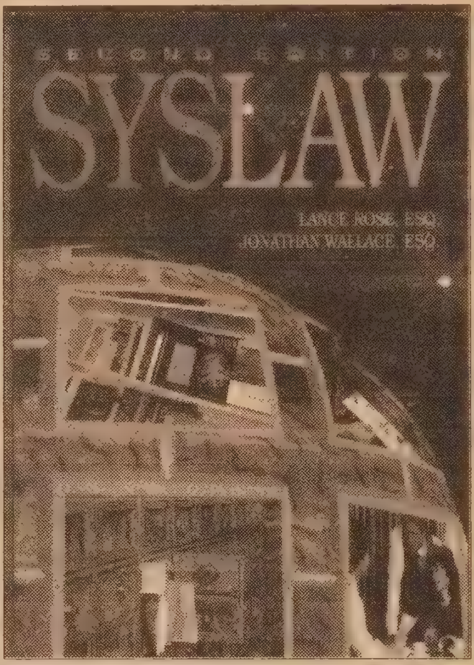
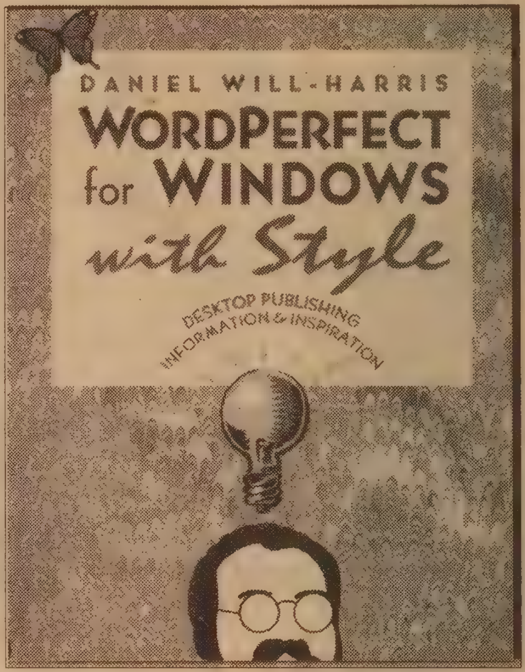
SYSLAW, SECOND EDITION

SysLaw, by Lance Rose and Jonathan Wallace, is a legal guide for online service providers including bulletin board system operators, research database providers, and network administrators. Written in a form easily understandable by non-lawyers, *SysLaw* explores and explains such fundamental online legal concepts and issues as First Amendment rights, ownership of online materials, user agreements, sysop liability, criminal laws, searches and seizures, computer viruses, and adult materials. *SysLaw* also provides detailed suggestions on how online service providers can create the balance of freedom, user services, and protection from risks that they desire for their own systems. ($34.95) PC Information Group, Inc., 1126 E. Broadway, Winona, MN 55987. 1-800-231-8285.



WORDPERFECT FOR WINDOWS WITH STYLE

WordPerfect for Windows With Style: Desktop Publishing Information & Inspiration, by Daniel Will-Harris, may be the only book on WordPerfect for Windows you need. The book covers undocumented tips about fonts, clip art, graphics, and utilities; design guidelines; step-by-step tutorials that tell you exactly which commands, codes, and keystrokes to use (and which to avoid at all costs); a reference packed with information that goes far beyond the manuals; as well as a treasure hunt where deciphering WordPerfect codes can mean valuable prizes. ($24.95) Peachpit Press, 2414 Sixth St., Berkeley, CA 94710. (510)548-4393.



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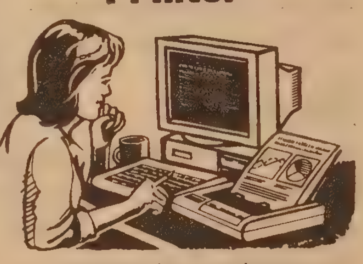

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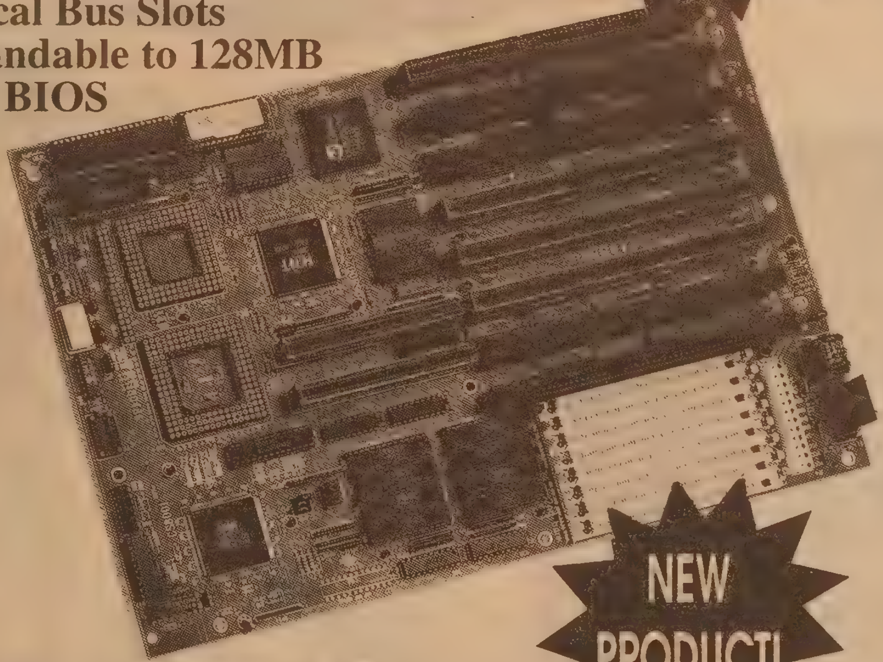

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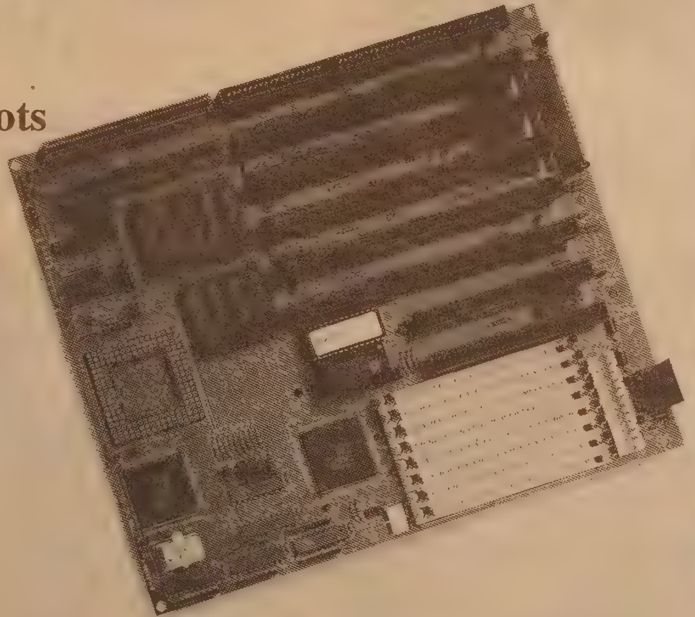

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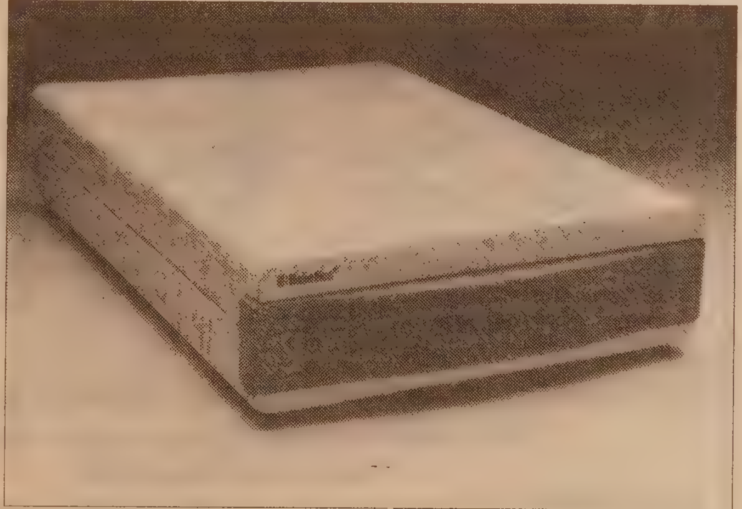
NEW MEDIA CORPORATION
HP95LX
2400/PALMMODEM
Chicago

PALMMODEM

The New Media PalmModem is an IC card modem that communicates via a memory mapped scheme for use with subnotebook and palmtop computers. It can run for over fifteen hours on two AA batteries, which are typically the power source for these new, small computers. For specific machines such as the HP95LX, New Media has developed a complete software interface compliant in format with Hewlett-Packard's system manager software. Software for the HP95LX includes all of the popular modem file transfer protocols such as Xmodem, Ymodem, and Kermit. Since the HP95LX has only one PCMCIA slot and no floppy disk drive, all of the software required to run the PalmModem in the HP95LX is supplied on the card. All the user has to do is plug in the PalmModem and execute the software directly from the card. ($259) Mew Media Corp., Irvine Spectrum, 15375 Barranca Pkwy., Bldg. B, Irvine, CA 92718. (714)453-0100.

US ROBOTICS SHARED ACCESS CS386

The Shared Access Communication Server 386 (CS386) for Ethernet is a flexible, standalone, single-port communication server that connects directly to the LAN. It enables local users to dial out of the LAN, remote users to dial in, and provides LAN-to-LAN dial-up routing. The CS386 for Ethernet with Dynamic Access Switching is capable of switching automatically between remote control, single-node routing, and asynchronous dial-up. In addition, its built-in 386SX PC gives remote users the ability to run applications directly on the CS386. Using Novell configuration utilities, the system administrator sets up users, passwords, and access rights. ($1995) US Robotics, Inc., 8100 N. McCormick Blvd., Skokie, IL 60076. 1-800-DIAL-UDR.



COMMUNICATION HARDWARE

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The EasyModem is a family of 2400bps data and data/fax modems, internal as well as external, for both Macintosh and PC computer systems. They are packaged with a videotape set-up tutorial and quick reference sheet to guide first-time as well as experienced users through installation. A troubleshooting guide and comprehensive documentation make modem operations and diagnostics uncomplicated. The modems are bundled with QuickLink II communications software for DOS, Windows, or Macintosh. This software gives users of the data/fax modems the ability to send faxes from within an application, receive faxes unattended 24-hours a day, and perform fax broadcasting capabilities with a large built-in phone book. (Suggested list prices begins at $225 for an internal, data only modem for the PC) PerfectData Corp., 1825 Surveyor Ave., Simi Valley, CA 93063. (805)581-4000.

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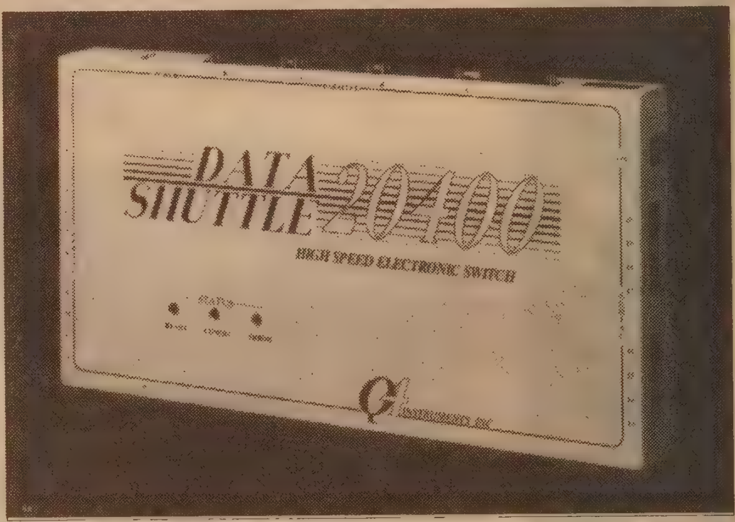
DATA SHUTTLE 20400

The Data Shuttle 20400 is a twenty-four-port printer and peripheral sharing device. It has twenty RS-232 serial ports which are bi-directional and four parallel ports that can be configured as either inputs or outputs. Bidirectional, concurrent communication allows file transfer, sharing of modems as well as pointer and plotter sharing. The serial ports offer baud rates selectable from 300 to 115,200. To handle large volumes of data the Data Shuttle includes 1MB of RAM as a buffer, which is easily expanded to 8MB. Up to five units can be tied together giving a total of 110 ports. ($1499) Q4 Instruments, Inc., 1100 Invicta Dr., Unit 7, Oakville, Ontario, Canada L6H 2K9. (416)842-0200.



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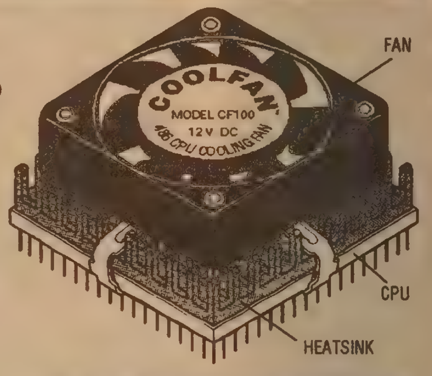

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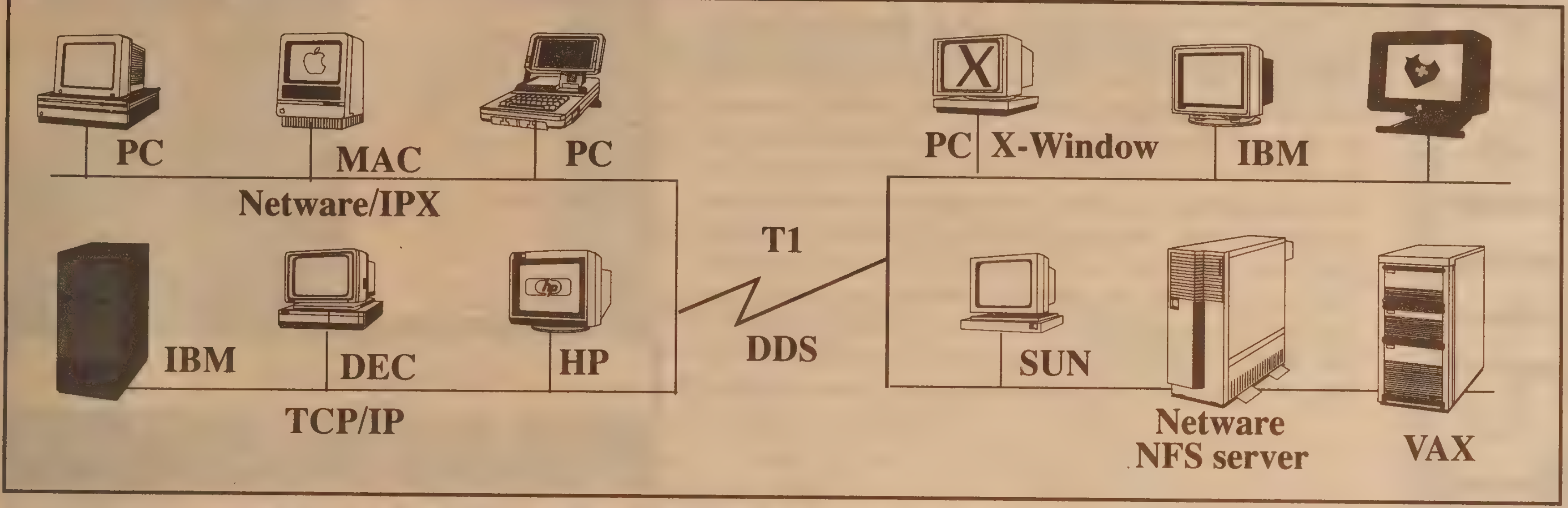

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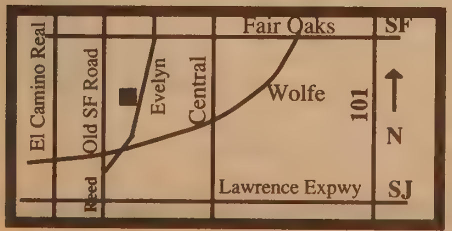

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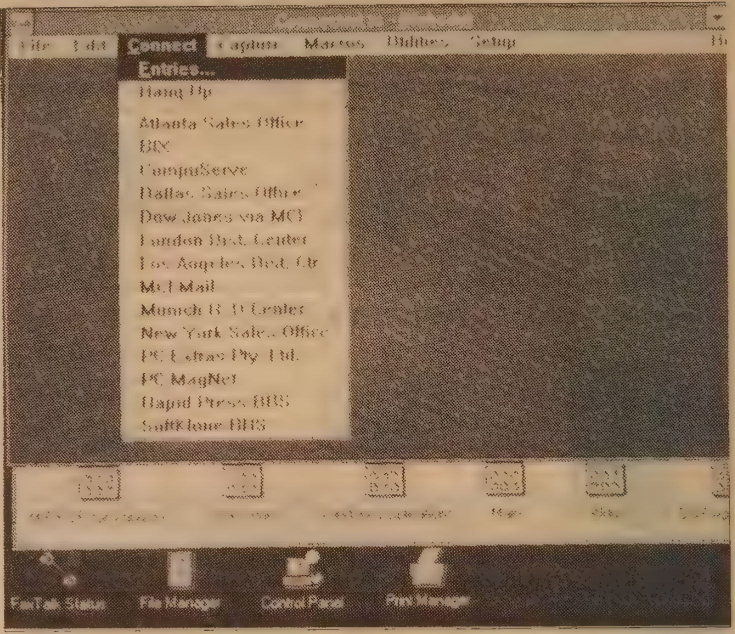
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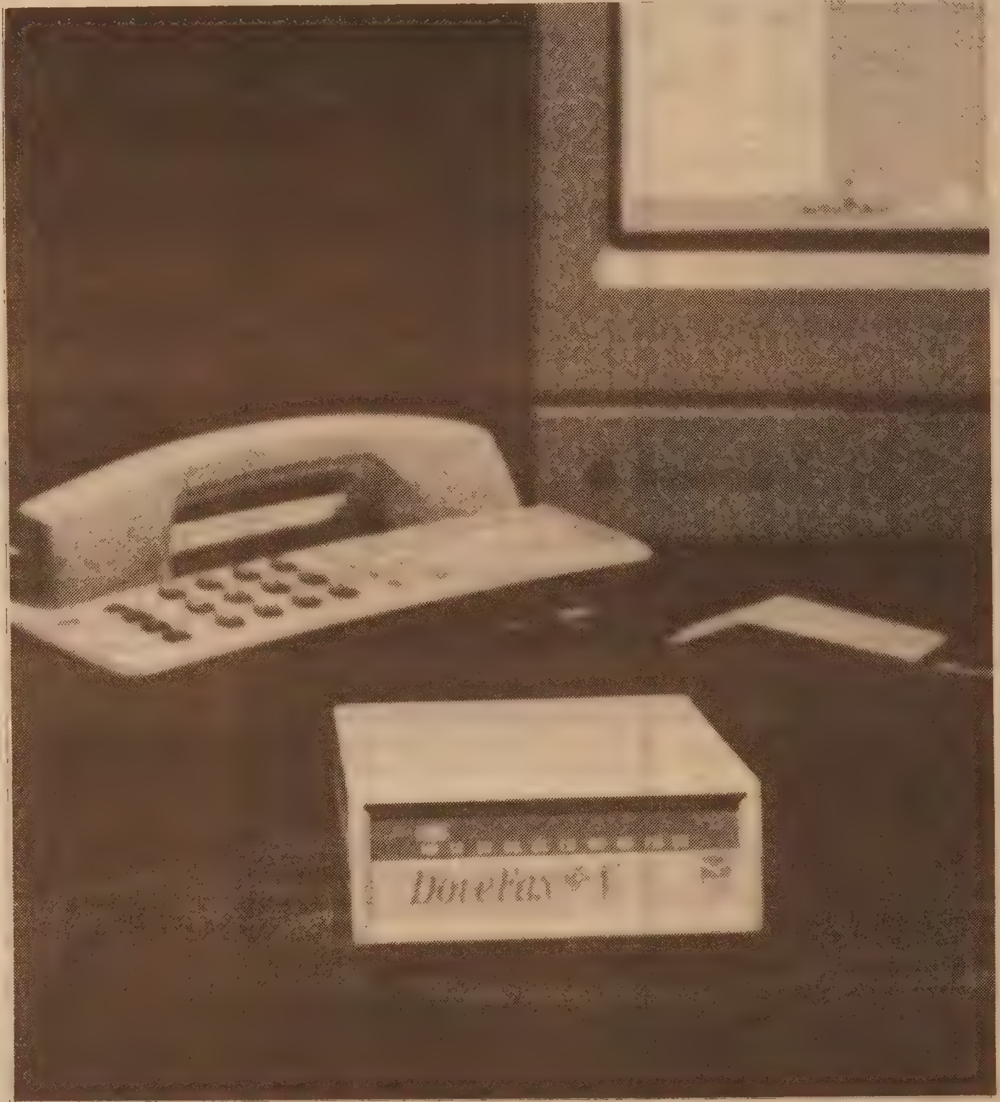

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With the DoveFax+V, a Macintosh computer becomes a desktop voice, data, and fax communications system for personal or business use. This system replaces standalone voice answering machines, fax machines, and data modems with a system that automatically handles voice, data, and fax calls on one telephone line. Unanswered voice calls are directed to a voice mailbox where messages are stored. This is also a 9600bps send and receive fax and 2400bps data modem. DoveFax+V allows users to remotely access their voice and fax messages. ($449 for either the desktop or internal NuBUS version) Dove Computer Corp., 1200 N. 23rd St., Wilmington, NC 28405. (919)343-5600.

FAXPRO II

FaxPro II, a network fax system for Macintosh computers allows users to send and receive faxes instantly and invisibly from a workstation without tying up their computer. New features of FaxPro II include automatic background fax conversion on the FaxPro II Server. This helps reduce network traffic by decreasing the size of files that move across the network. Other features include the ability to track, view or resend faxes from any node on the network. Installation is easy and automatic. Users simply click on the FaxPro icon in the Chooser to send a fax from within any application. User options include automatic laser printing of received faxes, incoming fax forwarding to network recipients, the ability to attach documents from other applications, and custom cover sheet backgrounds. ($850, with unlimited user, single zone access) Cypress Research Corp., 240 E. Caribbean Dr., Sunnyvale, CA 94089. (408)752-2700.

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213MB HARD DRIVE SVGA SYSTEM

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- ·VIEWSONIC SVGA MONITOR
- ·SVGA CARD
- ·1.2 & 1.44MB FLOPPY DRIVE

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486-25

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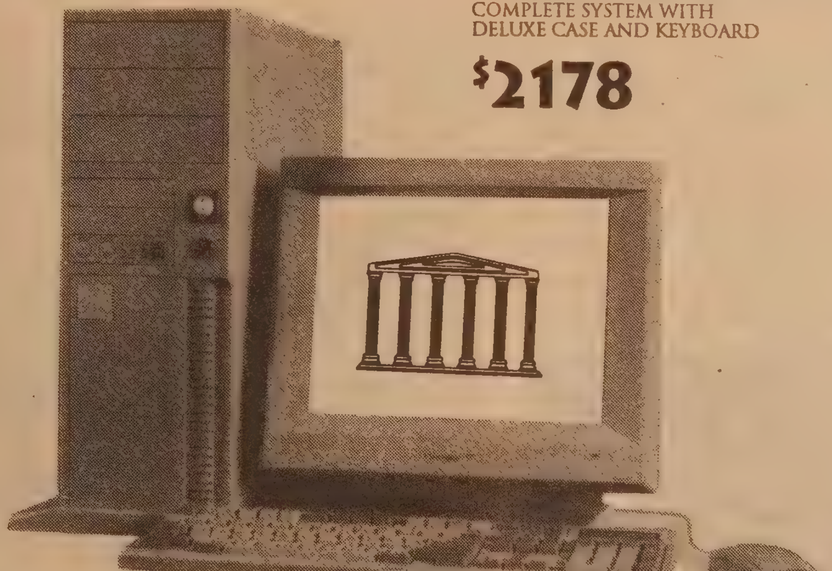

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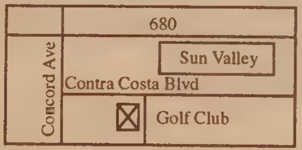

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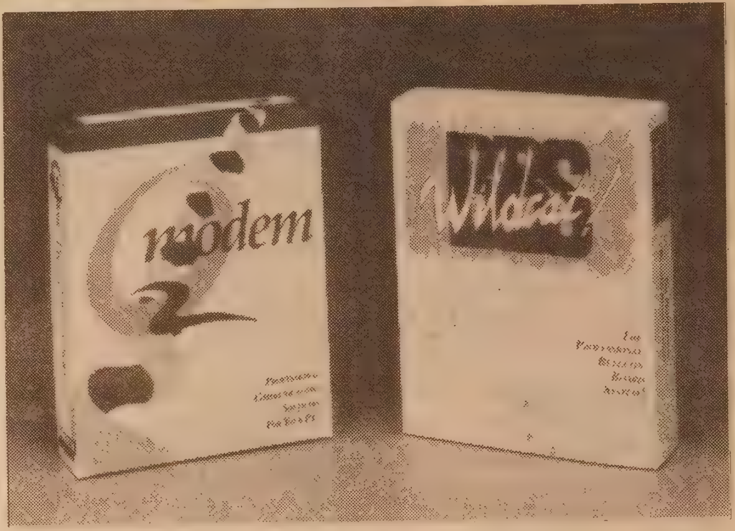

WILDCAT! INTELLIGENT MULTI-PORT

WILDCAT! Intelligent Multi-Port, used in conjunction with an intelligent multi-port serial card, works as a front end to a communications server. This version of WILDCAT! offers solutions for a variety of applications. As a standalone BBS, the system operator (sysop) can run up to eight lines on one 386-based computer with DESQview 386 and 12MB of RAM. LAN administrators can also benefit from this release by installing WILDCAT! on an existing file server. LAN users can log into the BBS locally, without having to log into the BBS via modem communication. LAN administrators can support up to 250 simultaneous users. ($799) Mustang Software, Inc., PO Box 2264, Bakersfield, CA 93303. (805)395-0223.

ULTRAFAX

UltraFAX offers a comprehensive Windows program for managing fax communications on PCs. UltraFAX's image processing capabilities automatically clean up dirty faxes and enhance readability on-screen. The data file transfer feature allows editable files to be sent to other UltraFAX users as easily as paper faxes. Also, the OCR capabilities are integrated into the program to automatically convert fax files into editable text files. Other features include a full-featured editor, multiple document viewer, a document manager, and others. UltraFAX requires a Windows 3.x capable PC with at least 2MB of RAM. ($119) ZSoft Corp., 450 Franklin Rd., Suite 100, Marietta, GA 30067. (404)428-0008.

FAXMASTER

FaxMaster is an integrated software Windows software package providing fax send, receive, recognize, and compress capabilities. This is designed as an ideal solution for large corporations whose outbound sales forces need better communication tools. FaxMaster offers superior character recognition on a wide variety of fax documents with the integration of Caere's AnyFax OCR software. The software is compatible with Class 1, Class 2, CAS, and Sierra SendFax modems. Some of the fax boards supported include AST, Practical Peripherals, Prometheus, and Zoom Telephonics. ($249) Caere Corp., 100 Cooper Court, Los Gatos, CA 95030. (408)395-7000.

ACCESSORIES

SUPER RD II DISKS

A new generation of high-density floppy disks are designed with increased durability to withstand the harsh environments often associated with laptop computing. The 3.5" Super RD II diskettes incorporate a shock resistant shutter mechanism, found only in Maxell disks. The unique Flex-Shutter will not pop off the disk if it is dropped or subjected to other accidental shocks. Composed of a non-abrasive, pliable material that firmly adheres to the disk shell, the Flex-Shutter keeps out minute particles that contaminate the disk surface and the read/write head of the floppy disk drive. An anti-static agent added to the resin of the shutter eliminates static electricity, which attracts dust and dirt like a magnet. (Box of ten unformatted 3.5" disks is $35.70) Maxell Corp. of America, 22-08 Route 208, Fair Lawn, NJ 07410. (201)794-5900.

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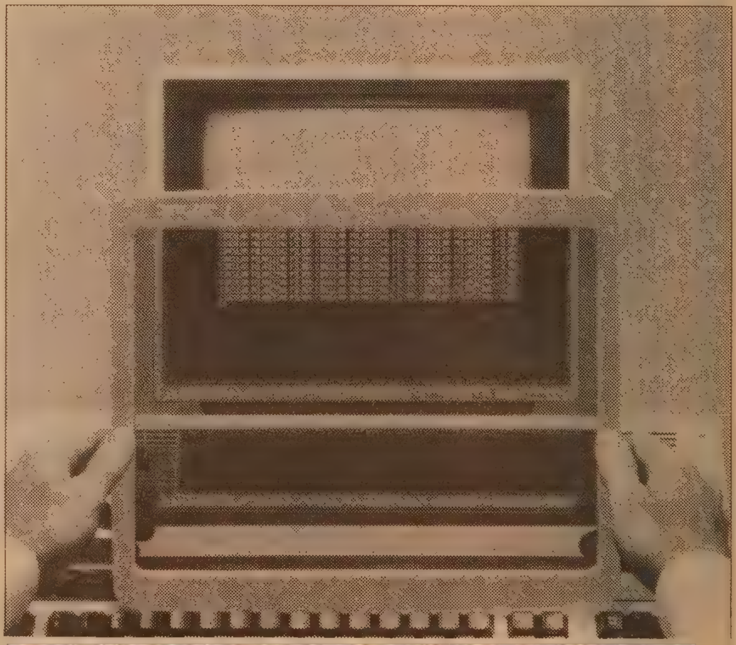

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- Teac 1.2Mb & 1.44Mb
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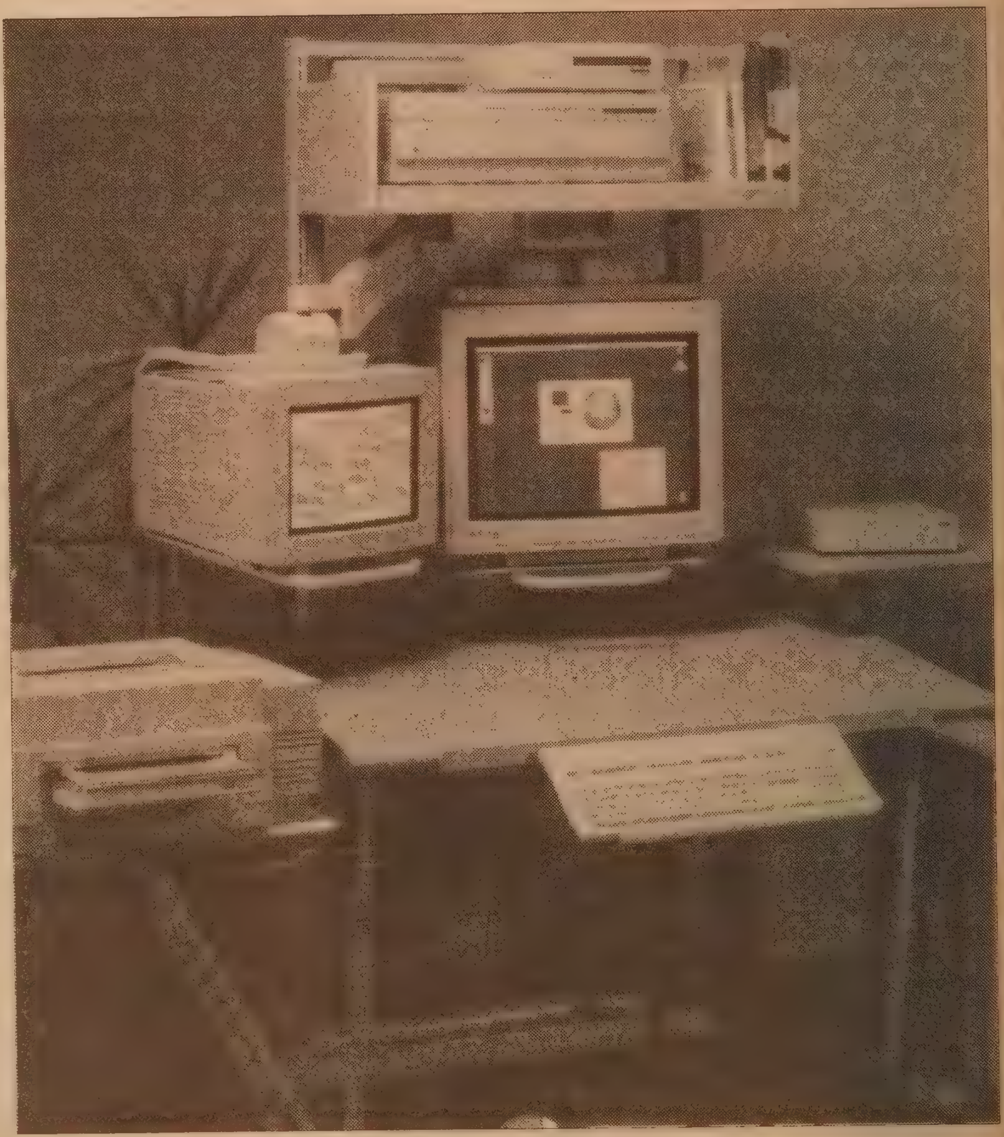
FELIX FOR WINDOWS

Felix, a compact desktop pointing device which provides an alternative to the conventional mouse, is available for the Windows environment. Felix provides full-screen, precision cursor control and requires minimal desk space. Its intuitive and relaxed fingertip control of Windows cursor movement can reduce user fatigue and increase productivity across a wide range of applications. With Felix, users control the cursor with a moveable button that floats on a control surface only one square inch in area. This sturdy, six-square-inch, self-contained device doesn't require any special surfaces or additional cabling, and because it has no rollers or balls, it doesn't require cleaning. Its symmetrical design makes it comfortable for both left- and right-handed users. ($129) Altra, Inc., 520 W. Cedar St., Rawlins, WY 92301. (307)328-1342.



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☐ A President/Principal/Vice President/Director
☐ B Corporate Administration/Financial Officer
☐ C Data Communications/Telecommunications Management
☐ D MIS/DP Management
☐ E Engineering/Technical/Manufacturing/Operations Management
☐ F Sales & Marketing Management
☐ G R&D/Software Development
☐ H Applications/Systems Programmer/Analyst
☐ J Purchasing

2. PRIMARY BUSINESS OF MY ORGANIZATION *(select one only)*:

☐ K Financial Services
☐ L Utilities/Transportation
☐ M Government/Military/Defense
☐ N Engineering/Science/R&D
☐ P Education
☐ Q Medical & Health Services
☐ R Consulting Services
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☐ W Manufacturing (non-computer)
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☐ Y Manufacturer of Computers/Systems/Software/Peripherals
☐ Z Other Business

(please specify)

3. NUMBER OF EMPLOYEES IN MY ORGANIZATION *(all locations)*:

☐ AA 1 - 50
☐ BB 51 - 500
☐ CC 501 - 5000
☐ DD Over 5000

4. NUMBER OF YEARS I HAVE USED UNIX:

☐ EE None
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5. MY DEGREE OF PURCHASE INFLUENCE ON INFORMATION PRODUCTS/SERVICES:

☐ HH I make the final decision
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☐ LL I play no role in the purchasing process

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☐ QQ Software (Applications)
☐ RR Network/Communications Systems
☐ SS Office Automation Systems
☐ TT LAN Equipment/Systems/Services

7. MY COMPANY'S TOTAL GROSS SALES OR REVENUES:

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- Mini Tower or Desktop Case with Power Supply (Digital Display)
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- 85MB Conner Hard Disk
- 1.2MB 5.25" and 1.44MB 3.5" Floppy Drives
- 1:1 Interleave 2HD/2FD IDE Controller
- 2 Serial, 1 Parallel, and 1 Game Ports
- Real Time Clock w/Battery Backup
- Mini Tower or Desktop Case with Power Supply (Digital Display)
- 101 Enhanced Keyboard
- 1MB Trident SVGA Card
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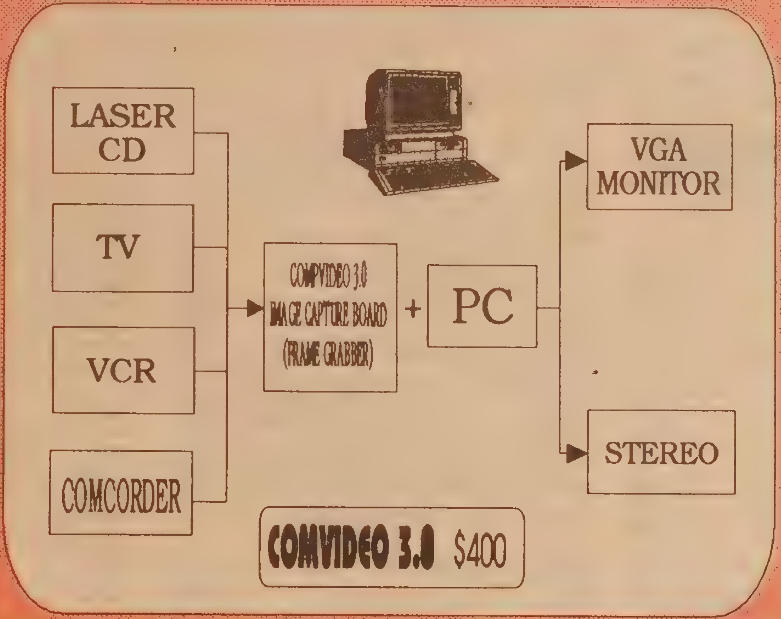

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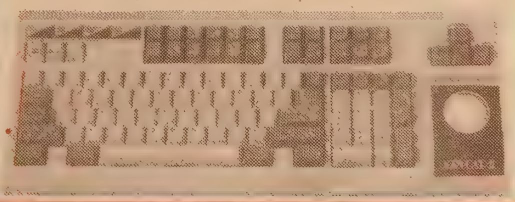

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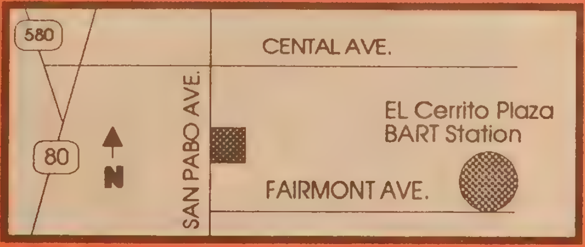

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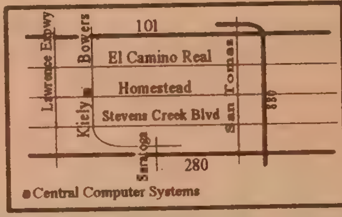

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Courier HST-DS 144 v.32,v.32bis,v.42,v.42bis,MNP5, Ext	775
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ViewSonic 6e 14", 1024x768, .28, NI	355
ViewSonic 6FS 15", 1024x768, .28	629
ViewSonic 7 17", 1280x1024, .28, NI	1075
ViewSonic 8 20", 1280x1024, .31, NI	1595

MITSUBISHI (w/ base)

HL6605ATK 16", 1280x1024, NI	925
HL6955SETK 20", 1280x1024, .31, NI	1745
BNC Cable	39
TFS 6705 17" 1024x1024, .26, NI	1055

NANAO

9080i 16", 1280x1024, .28 NI	955
T560i 17", 1280x1024, .25, NI	1875
F550i 17", 1280x1024, .28, NI	1145
T660 20", 1280x1024, .31 NI	1825
T660i 20", 1280x1024, .31, NI, Trinitron	2595

NEC

3FGX 15", 1024x768, .28	649
4FG 15" Flat, 1024x768, .28, NI	759
5FG 17" Flat,1280x1024, .28, NI	1375
5D 20" 1280x1024, .31, NI	1595
6FG 21" Flat, 1280x1024, .28	2495
NEC Monitor Lens (Anti-reflection, Anti-static) for 4FG / 5FG / 6FG	74/115/185

PANASONIC

C1381I 14" Super VGA, 1024x768, .28, Int	325
C1395 14" 1024x768, .28, NI	435
C1991 20" 1024x768, .31, NI	1485

POWER II

3E 14" Super VGA, 1024x768, .28, Int.	285
4A 14"Multisync, 1024x768, .28, NI.	319

SAMSUNG

MA2565 12" mono amber	75
MZ4571 14" mono paperwhite	115
ML4571 14" VGA mono 640x480	125
CVM4967 14" 1024x768, .28	305
CSD5577 15" Flat, 1024x768, .28, NI	459/499
CSF7487 17", 1280x1024, .26, NI	1025

SEIKO

CM1450 14", 1024x768, .25, NI.	425
CM2050 20", 1024x768, .31, NI.	1545

SIIG

9" Mono paper white	115

SONY

1304S 14", 1024x768, .25, NI	575
1604S 17", 1024x768, .25, NI	995
1791 17", 1024x768, .25, NI, (1604S oem)	925
1936 20", 1280x1024, .30 NI	2195

14 MOTHERBOARDS

386-33/386-40 (w/ 64K cache w/o CPU)	125/129
upgrade tp 256K cache	50
486-33 w/ 64K w/o CPU	155

AMI

Mark V 386-33 w/ 64K/256K cache	480/595
Super Voyager 486-33 64K/256K	875/995
Super Voyager 486-50 64K/256K	1115/1215
Enterprise II 486-33/50 EISA w/ 128K	1295/1545
EZ-Flex 486DX-33/50 CPU card	955/1550
AMI Diag	95

GENOA

Express 486-50 w/256K for Local Bus (w/o CPU) Color Bahn Multimedia VGA & Turbo	495

MICRONICS

386SX-20 Phoenix BIOS (32MB max)	175
386SX-25	235
386-33 64K cache Gemini (32MB max)	355
486-33 256K cache ISA	695
486-33 256K cache EISA E2	1045
486-50 256K cache ISA	1145
486-50 256K cache EISA	1395
486-33 Local Bus w/256K cache.	945
486-50 Local Bus w/256K cache.	1145
486-66 Local Bus w/256K cache.	1425
4MB Piggy Back (up to 8MB)	399
16MB Memory Card	150
upgrade to 256K cache for old 486-33	80

NICE

486-33 256K cache (w/o CPU)	255
486-50 256K cache (w/o CPU)	305
486-50 256K cache EISA (w/o CPU)	555
upgrade to 256K cache	60

ORCHID Superboard 486/VLB (VESA Local Bus for VGA & controller)

DX-33 / DX2-66 , 256K cache (w/o CPU)	375
DX-50 256K cache (w/o CPU)	395

QUICK-PATH

486-50 w/64K cache, 15ns ISA (w/o CPU)	345
486-50 w/256K cache, 15ns EISA (w/o CPU)	545
upgrade to 256K cache for 486-50 ISA	80

UMC 286-12	79

15 MOUSE

Beetle Mouse BS-3P (3 button serial)	29.95

AERO

IMPC-60 3 button mouse	18
IMPC-40 trackball	29

APPOINT

MousePen Pro for PC / Portable / Mac	49
Thumbelina for PC / Portable / Mac	49

GENIUS

CLIX 3-button	19
GM-F302 mouse (3 button, PS/2 compat)	42

KENSINGTON

Expert mouse serial trackball /Bus	99/115

LOGITECH

Cordless Mouse	89
Dexxa Serial Mouse	27
First Mouse Serial	37
Fotoman Digital Camera for PC & PS/2	485
Mouseman Bus	64
Mouseman Serial PS/2 combo	65
Mouseman Serial PS/2 combo/ 5 pack	57/275
Mouseman Serial w/ WIN 3.1	115
Scanman 32	139
Scanman 32 with OCR software	185
Scanman 256	249
Scanman 256 with OCR software	299
Scanman color (16.8 million colors)	565
Trackman Portable	99
Trackman Combo	79

MICROSOFT

Ball Point Mouse (portable)	119
Bus Mouse 400PPI	85
Bus Mouse (400PPI) w. Windows 3.1	149
Serial Mouse 400PPI	65
Serial Mouse 400PPI w. PS/2 port	85
Serial Mouse 400PPI w. 9 to 25 pin adapter	85
Serial Mouse (400PPI) w/ Windows 3.1	149

MOUSE SYSTEMS

Omni Mouse (2 button)	25
Optical Mouse Pad	22
PC Mouse III Serial (optical)	69
PC Trackball II.	55
Serial Bus Card (9 IRQs)	30
The White Mouse w/ Power Panel	56

SIIG

Trackball & Mouse 2 in 1 combination	55

16 NETWORK

Hayes LANstep	329
MainLINK II 3270 Emulation IBM & IRMA	399
MAILMAN 2.0 (10 user for Novell NetWare)	350
SilverNet (high performance Peer-to-Peer)	79

3COM

3C503 8 bit coax / 3C503-TP ethernet	179/199
3C503-16 coax/ 3C503-16-TP Etherlink II	169/179
3C507 16 bit coax ethernet / 5 packs	279/1250
3C507-TP 16 bit TP ethernet / 5 packs	299/1450
3C509 coax / 5 pack Etherlink III	139/625
3C509 TP / 5 pack Etherlink III	145/650
3C523B Etherlink/MC for PS/2 / 5 packs	289/1210
3C523B-TP TP for PS/2 / 5 packs	319/1435
3C621 Link Builder 10 BT (12 port)	745
3C623 single port BNC Module	125

ARTISOFT (Lantastic)

AE-2 Ethernet starter kit,10Mbps v4.1	459
AE-2 Ethernet Window starter kit	510
AE-2 Ethernet adapter	199
AE-2 MCA Ethernet adapter	275
AE-2 EtherBasket (12 cards for price of 10)	1990
AE-3 Ethernet starter kit,10Mbps v4.1/win	535/565
AE-3 Ethernet adapter	235
10BaseT starter kit v4.1	595
2Mbps starter kit v4.1	355
2Mbps adapter	145
AE-1/T 8bit 10Base-T adapter	135
AE-2/T 16bit 10Base-T adapter	210
64K RAM upgrade for AE-2, AE-3 adapter	45
AI software (individual node) v4.1	69
Articom (LAN modem sharing software)	269
Central Station Connectivity Processor	399
Dial up Connection	69
Ethernet Software Kit (NOS) v4.1	79
Lantastic Z (2 stations) v4.1	89
Lantastic for Netware (Network O/S)	139
Lantastic for Windows (software)	165
Lantastic for Macintosh Software kit	339
Lantastic for Macintosh Hardware & s/w kit	549
Lantastic Print Server Station Ware	69
Netware Print Server Station Ware	69
Network Eye (Remote Control Access)	129
Peer-Hub 10Base-T concentrator	270
Peer-Hub AUI interface kit	270
Remote Boot ROM for AE-2, AE-3 adapter	45
Sounding Board adapter kit	72

CASTELLE

FaxPress (Network Fax Server) Novell 1 line ethernet coax	2595
Novell 2 lines Token Ring 16/4Mbps.	3225
JetPress (Network Print Server) for HP II,IID,III,IIID, coax / TP	429
LANPress (Network Print Server) connects up to 4 printers, supports up to 32 queues on up to 8 file servers Ethernet Thick/Thin coax (1P 3S)	475
Ethernet Thick/Thin coax (2P 2S)	625
Ethernet 10BaseT (1P 3S)	475
Ethernet 10BaseT (2S 2P)	635

CC:MAIL

cc:Mail DOS v4.0 / Windows platform	199/339
cc:Mail 10 user pack / 25 user pack	239/579
cc:Mail Gateway v3.21	879
cc:Mail FAX v1.2	1350

COMPULAN

Ethernet

8 bit E100 coax	95
8 bit ET500 TP ethernet	109
16 bit E200 coax	105
16 bit E210 coax & TP, BUS mastering	159
16 bit E300 coax dual-port shared memory	129
16 bit ET600 TP ethernet	125
16 bit E650 coax & TP,Surface Mount	149
16 bit E200/2 coax for PS/2 MCA	145
16 bit E800/2 coax for PS/2 MCA	155
32 bit E900 coax, EISA Bus	249
32 bit E950 coax & TP , EISA Bus	259
Boot Prom	25
Concentrator 8 port +1BNC +1 cascading	319
Concentrator 12 port +1BNC +1 AUI	520
Pocket adapter for coax / TP ethernet.	185

Arcnet

16 bit for XT/AT Star Topology	69
16 bit for XT/AT Bus / TP	79/79
16 bit "4-in-1" Turbo Star & Bus w/NCR 90C98A ASIC	99
4-port Arcnet Passive Hub	19
8-port Coax Stackable Active Hub	159
Pocket adapter for Arcnet	135

Token ring

T1000 16/4Mbps	349
T1000/2 16/4 Mbps for MCA	379
MAU 8-port Type 1 cable, DB9 shielded TP	329
MAU 8-port Type 3 cable, RJ45 unshielded TP	279

FARALLON

PN380 PhoneNet card PC for LocalTalk.	199
PT100 PhoneNet talk for PC	145

GATEWAY COMMUNICATION

G/Ethernet 16 coax / 16 TP	129/149
G/Ethernet 32 bits	480

INTEL

EtherExpress 16 coax / 16 TP	135/145
EtherExpress 16 MCA / 16 MCA TP	179/189
EtherExpress 32 EISA.	553
EtherExpress ISA Hub Adapter	585
EtherExpress EISA Hub Adapter	685
LAN Protect 1.5 (virus protection)	685
LAN Sight 3.0 Netware Ultility/ Monitor	299
LANSpool software 386 NLM v3.5	425
NetPort II Thin/Thick Ethernet	519
NetPort II 10BaseT	529
NetPort II Token Ring.	669
NetSatisfaxtion	635
TokenExpress 16/4 for ISA / EISA	535/685
TokenExpress 16/4 for MCA	535

NOVELL

8 bit NE1000 coax ethernet	109
16 bit NE2000 coax ethernet	145
16 bit NE2000TP TP ethernet	155
32 bit NE3200 coax (EISA)	675
NE10T-Hub 4 Port Concentrator	225
Netware Lite + DR DOS 6.0	69
Netware 2.2 5 users / 10 users	489/1089
50 users / 100 isers	1925/2955
Netware 3.11 5 users / 10 users	619/1345
20 users / 50 users	1885/2775
100 users / 250 users	3859/6885

SMC (WESTERN DIGITAL)

Ethercard Plus Elite 8 bit coax	115
Ethernet Plus Elite 16 bit coax /16 bit TP	145
SMC 3016 16bit coax / TP	149
Ethercard Elite 16 combo (coax/10BaseT)	175
Ethercard Plus/A for PS/2	219
Netware Boot ROM for Ethernet	34
Concentrator 8 Port (10 Base T Ethernet)	339

XIRCOM

PE2-10B2 Pocket Adapter Ethernet coax	315
PE2-10BT Pocket Adapter Ethernet 10BaseT	325
PT2-16B3 Pocket Adapter Token Ring 16/4Mbps	615

CABLES & ACCESSORIES

Twisted pair cable, TP 4-pair, PVC, 1000'	89
500' / 200'	55/35
10 BASE-T Twisted pair cable, 1000'	165
RG58 cable, 1000'	109
Belden 8259, RG58, 1000'	165
Transceiver AUI ---> TP (coax to RJ45)	69
Transceiver AUI ---> BNC (thick to thin coax)	69

17 POWER SUPPLIES

AMERICAN POWER CONVERSION (UPS)

APC-400 Smart-UPS (286, 386 WS)	309
APC-600 Smart-UPS (386, 486 FS)	399
APC-900 Smart-UPS (386, 486, FS and WS)	639
APC-1250 Smart-UPS (multiple FS and WS)	799
APC-450 Back-UPS 286, ps/2, 386	235
APC-600 Back-UPS 286, 386 FS	285
APC-800 Back-UPS 800RT, 2-4ms, 15 mins	565
APC-750 On-Line UPS (286, 386, 486 FS)	1365
APC-1500 On-Line UPS (multiple servers)	2499
APC PowerChute for Novell / for UNIX	79
APC UPS Monitoring Board for NetWare	75
Power Doctor (for DOS) I/F kit for Smart-UPS	79

PC POWER COOLING

Standard 220 desktop / full tower	95
Silencer 270 slim (for baby & mid tower)	169
AT desktop / full tower	179
Turbo-Cool 300 slim	165
desktop / full tower	185
Turbo-Cool 450 desktop / full tower	345
InnerSource 2210 UPS for Full tower, int, 95-132 VAC, 220W DC, 100W AC, equivalent to 550 VA external UPS.	355
Novell Netware Interface for InnerSource 2210 UPS.	55

TRIPP LITE

BC 500 (stanby UPS)	209
BC 500 Lan (stanby UPS)	215
Omni 600 Lan (UPS + Line Regulation)	385

OTHERS

200W (XT) (UL)	48
200W / 230W for Baby AT & Mid Tower	45/55
230W for AT	48
230W / 300W for FullTower	59/89
550W / 1200W (UPS)	279/659

18 PRINTERS

CANON

BJ-10ex (Bubble jet)360 dpi,37K buf	289
Auto Sheet Feeder	79
Other Accesories same as BJ-20	
BJ-20 w/ Auto Sheet Feeder	385
Bag / Battery / Print Head Cartridge	39/45/22

CITIZEN

GSX 200 (9 pin) / GSX 130 (24 pin)	165/205
GSX 140 Plus (24 pin)	269
Color Option for above printers	45
Auto Sheet Feeder for GSX 140	109
GSX 145 (24 pin, 132 column)	355
Color option for GSX 145	65
GSX 230 Scalable Fonts & quiet	249
GSX 240 Scalable Fonts & quiet	319
PN48 notebook printer,1ppm,2lb,battery,case.	325

CENTRAL
COMPUTER SYSTEMS, INC.
WIDE SELECTIONS AT LOW PRICES

820 Kiely Blvd. Santa Clara, CA 95051
Tel.: (408) 241-0185 FAX: (408) 241-0390

FUJITSU

DL1100 mono	255

HEWLETT PACKARD (LaserJet w/ toner)

Desk Jet 500 / 500C	395/519
Jet Ram Memory 256K for 500 & 500C	69
Desk Jet 550C	719
Laser Jet IIP+	775
Laser Jet III / Laser Jet IV	1420/1445
Laser Jet IIIP / IIID / IIISi	995/2295/3495
Accessories:	
Envelope Tray(15 envelopes) for III	69
Envelope Tray for IIP,IIIP	79
Envelope Feeder for IIID	295
HP Postscript Cart. for IIP, IIP+, III, IIID	395
Legal Tray for HP II, III	69
Lower Cassette (w/ letter tray) IIP,IIIP	149
Toner for HP II, III	79
Toner for HP IIP, IIP+, IIIP	66
Jet Ram Memory for HP II 2MB / 4MB	135/205
Jet Ram Memory for HP IIP, IIP+,III,IIIP,IIID 1MB / 2 / 3 / 4MB	75/115/155/195

LASER MASTER

Win Printer 800 (postscript)	1295
WinJet 800 800dpi, Postscript adapter for HP II,IID,III,IIID	599
WinJet 1200 Postscript for HP IV	799

MICROTEK

Scan Maker 600Z w. PhotoStyler s/w	1295
TrueLaser MTP-306 6ppm,2MB,35 fonts	1299

PACIFIC DATA PRODUCTS

ProTracer inkjet printer/plotter, A- to C-size output, 360dpi, i960RISC processor, 512K, 45dBA	1125
5 MB / 8 MB memory upgrade	439/669
postscript emulation card	375
HP-GL Emulation Card	325
sheet feeder I / II	115/105
ink cartridges	19.50

PANASONIC

1180i / 1123	158/199
1124i / 1624	285/349
Auto sheet feeder for 1124 only KX-P36	120
2123 24 pin, 43.5dBA, color capability	239
2124i 24 pin, 43.5dBA, color capability	319
2180 9 pin, 45dBA, color capability	159
2624 (24 pin, quiet printer 46.5 dBA)	375
Color upgrade kit KX-PCK11	49
Single bin cut sheet feeder KX-PT10	95
32K Buffer dot matrix printers KX-P43	65
Serial interface card PS-13	75
4410 Laser, 512K 5ppm	625
1MB mother Ram board KX-P444	115
1MB daughter Ram board KX-P445	99
LaserBoard 1MB (3rd party)	105
Corona KX-PCR3	45
Developer KX-PDP4	105
Drum KX-PDM4	89
Extra Cassette KX-PKC2	45
Fuser Unit KX-PFS5	105
Optional Second Cassette KX-P495	135
Toner KX-P453	35
Fonts Card KX-P47x (for Laser Printers)	95
4430 Laser, 1 MB, 5ppm	885
Accessories same as 4410	
4420 Accessories	
RamBoard 1MB / 2MB / 4MB	99/139/219
Developer KX-PDP2	95
Drum KX-PDM2	99
Envelope Tray KX-P431	59
Legal Tray KX-P425	45
Ozone Filter KX-PFT2	26
Toner KX-P451	39
4450 Accessories	
RamBoard 1MB	139
others same as 4450i	
4450i Laser, 11ppm	1095
RamBoard 1MB / 2MB / 4MB	99/139/219
Developer KX-PDP1	95
Drum KX-PDM1	145
Envelope Tray KX-P430	59
Legal Tray KX-P420	45
Ozone Filter KX-PFT1	29
Toner KX-P450	35
4455 (Postscript) 11ppm	1695
RamBoard 2 MB	159
others same as 4450i	

QMS (Adobe Postscript)

QMS-PS 410 4ppm, 2MB, 45 Fonts	1375
1MB / 2MB / 4MB Memory	125/165/245
Envelope / Legal / Letter Tray	69/69/69
Lower Cassette with Letter Tray	160
Toner	95

SEIKO

Smart Label Printer Plus (IBM/APPLE)	159
Box of Label (2 rolls per box)	10.95

TEXAS INSTRUMENTS

MicroLaser Plus PS17 / PS35 9ppm	1155/1295
Apple Talk Kit / Ram Board 1MB	99/69

LASER PRINTER ACC.

COMPUTER PERIPHERAL

Jet Page (for HP II)	195

IQ ENGINEERING

Super Type Master Library	99
Super Cart. 2 for HP II, IID, IIP, IIP+, III, IIID	249
Super Cartridge 2 & 2LC	269
Super Cart. 3 Pro+ for HP III,IIID,IIIP,IIISi	249
Super Cart. 3 Creative Collection for III family	249
Desk Jet 500 / Desk Jet Plus Professional	99

GENESIS

JetTray 250E, holds 250 #10 envelopes	469

PACIFIC DATA

25 in One! (for Deskjet 500)	99
25 in One! III (for HP II, IID, IIP, IIP+, III, Microtek)	245
Complete Font Library for HP III, IIID, IIIP	255
Font Bank (NEW) (for all HP Laserjet) stores soft fonts, 0.75MB / 1.5MB	205/269
Headlines Cartridge for HP II, IID, IIP	185
Paicfic Connect XI (connect up to 10 PC and/or Mac to a printer)	
For HP II, IID, III, IIID :	
5 port 256K / 1MB	319/389
10 port 256K / 1MB	449/519
For HP IV, IIISI, Paint Jet XL300 :	
7 port 1MB / 4MB	449/649
10 port 1MB / 4MB	519/719
Pacific Page & 2MB (Postscript for HP II)	389
Pacific Page II / XL (postcript for HP II)	719
Pacific Page P.E.(for HP IID,IIP,IIP+,III,IIID,IIIP)	279
Pacific Page P.E. & 2MB	405
Pacific Talk	179
Pacific Page PE XL (for HP IIP, IIP+, III, IIID, IIIP) Postscript w. 2MB & accelerator board	719
Plotter in a Cartridge (for HP II)	225
Plotter in a Cartridge P.E. for HP IID, IIP, IIP+, III, IIID, IIIP	225
1-2-4 Plus (for HP II, IID) 1MB/2MB/4MB	115/155/235
Pacific 4 Memory (for HP IIP, IIP+, III, IIID, IIIP) 1MB/2MB/4MB	95/135/215
Pacific 4 SIMM Memory (for HP IV, IIISi, XL300) 4MB / 8MB	179/329
LP Memory (for IBM 4029E) 1MB/2MB/3.5MB	129/179/249
Pacific T Memory (for Epson 6000) 2MB / 4MB	209/299

PELICAN

All type ribbons	visit us

19 SCANNER

TAMARACK ArtiScan Flatbed Scanner 24 bit color, 256 gray levels, comes with Picture Publisher LE 3.0 and Recognita plus OCR or PhotoStyler Full 1.1 only, SCSI interface

TTI 6000C 600dpi	1145
TTI 8000C 800dpi	1445
Slide Scan Kit (transparency,slide,X-ray)	595

MICROTEK

Scan Maker 600Z w. PhotoStyler	1295

Hand scanners... see **Logitech** in section #15

E-TECH

4256G 256 gray scale (w/OCR)	149(169)
4200C 256/4096 color (w/OCR)	295(319)

20 TAPE BACKUP

COLORADO

DJ-10 (120MB) QIC-40 w/ cable	$189
DJ-20 (250MB) QIC-80 w/ cable	255
AB-11 External tape port	45
Cable (2 Floppies & tape back up)	9
FC-10 Controller	95
KE-09 Ext kit w/o controller	75
TC-15 controller w/ data compression	195
Unix/Xenix driver for DJ-10, 20	129
QFA-700 (700MB)	725
TC-02 adapter (required)	259
Trakker 250MB ext. (printer port)	415
Trakker 120MB ext. (printer port)	355

EVEREX

EV-811 8 bit adapter QIC-02 for XT,AT	105
EV-880 floppy tape adapter for AT	65

MICRO SOLUTIONS (External)

120MB / 250MB External (printer port)	349/399

MOUNTAIN NETWORK SOLUTIONS

FS1200 1.3GB,4mm,SCSI cont,int/ext	3595/3905
FS2100 2.2GB, 8mm, w/ SCSI cont, ext	4895
FS7250 150-250MB, QIC-02, w/ cont, ext	1435
FS7250 250MB, w/ SCSI cont, ext	1565

SUMMIT

SE120 120MB w/ Central Point Back up	189
SE250 250MB w/ Central Point Back up	25
SE305 350MB Backup	34
Accelerator board for SE120 & SE250	165

SYSGEN

250 MB External w/ Floppy tape controller	375

CASSETTES

3M, VERBATIM	call

21 VGA CARDS

Desktop TV	319
Prolab Video Master	185
SIIG Multimedia Video Grabber Plus	349

All cards 1024x768 except as stated

CGA / MGP card (Monographic w. Printer)	$29
ET4000 Tseng Lab 1MB	99
Oak067 Super VGA 512K	52
Oak077 Super VGA 1MB	69
SVGA 256K	55

AMI

FastView EISA VGA Graphics w/ 1MB	499

ATI

PC Stereo Sound Card	115
VGA Stereo 512K w. speakers	239
Wonder XL 24 w. mouse, 1MB, Hi-color	169
Graphics Ultra 1MB (VRAM)	280
Graphics Ultra Plus 1 / Plus 2 (DRAM)	309/359
Graphics Ultra Pro 1MB (VRAM)	459
Graphics Ultra Pro 2MB	495/559
Graphics Vantage 1MB(DRAM) w/mouse	235

DIAMOND

SpeedStar 24X w/ 1MB 16 million colors	179
Stealth 1MB, VRAM, w/Sierra Hi-color	225

EVEREX

Viewpoint NI 256K/512K	129/149

GENOA

7900 1MB, 16 million color, 24 bit	159
8860 1MB 1280x1024 Hi-color	239

MYLEX

GLE911 EISA, 1280x1024, 1MB	409
GXE020B 1280x1024, 4MB DRAM 2MB VRAM, TMS34020, Tiga/EISA	1039

NUMBER NINE (TI34020)

GXI Lite Level 21 1024x768 16 colors at 72 Hz	725
GXI Level 23 for CAD/Win 1280x1024 16 colors at 72Hz, 1MB VRAM 1MB DRAM	1209
GXI Level 24 for Windows 1280x1024 256 colors at 72Hz, 2MB VRAM	1279
GXI Level 25 for CAD/Win 1280x1024 256 colors at 72Hz, 2MB vram 1MB dram	1429
GXI Level 29, 24 bit 1280x1024 65536 colors at 72 Hz 4MB vram 1MB dram	1719

ORCHID

Fahrenheit VA/ VLB, windows accelerator w/voice annotation, VESA,1MB,24 bit	225
Fahrenheit 1280-D 1MB with Hi-color	225
Fahrenheit 1280 w/ Accelerator 24 bit	225
ProDesigner IIs 1MB with Hi-color	139
ProDesigner IIs-D 1MB with Hi-color	189
ProDesigner IIs, 1MB, Hi-color for MCA	349

UNITED SOLUTIONS

Utra 1MB 1280x1024 Hi-color	139

III SOFTWARE

ADOBE

Illustrator 4.0 Win./ upgrade competitive	359/185
Streamline for Windows	125
Plus Pack for Mac / Windows	99
Postscript Cartridge for HP II	239
Type Cartridge 1 / Type Cartridge 2	79
Type Align /Type Manager for Windows	59/49
Type Set 1/2/3 for Windows	65/65/109
Type Set: Overheads & Slides (special)	75
Type Set: Spreadsheets & Graphs (special)	75

AUTODESK

AutoSketch 3.0 / for windows	149/179
Generic CADD 6.0	285
Graphic Impect / Instant Artist	95/49
Home Series(Home/Landscape/Kitchen/Deck)	45
Multimedia Explorer	120

BORLAND

C++ Professional 3.1 for Windows	325
C++ 3.1 for Win & Application Frameworks	485
dBase IV v1.5 for PC	439
ObjectVision 2.1 / ObjectVision Pro 2.1	102/335
Paradox 4.0 / upgrade	499/185
Quattro Pro WINDOS / upgrade WinDOS	299/139
Quattro Pro upgrade for Win / upgrade 4.0	99/85
Quattro Pro 3.0 + upgrade 4.0 (bundle)	199
Quattro Pro 3.0 + upgrade for Win (bundle)	220
Quattro Pro 4.0	299
Screenery (Windows wallpaper, screen saver)	25
Turbo C++ for Dos / Windows	69/105
Turbo Debugger & Tools 2.0	99
Turbo Pascal 7.0 (new) / for windows	119

LOTUS

1-2-3 for Windows (special)	325
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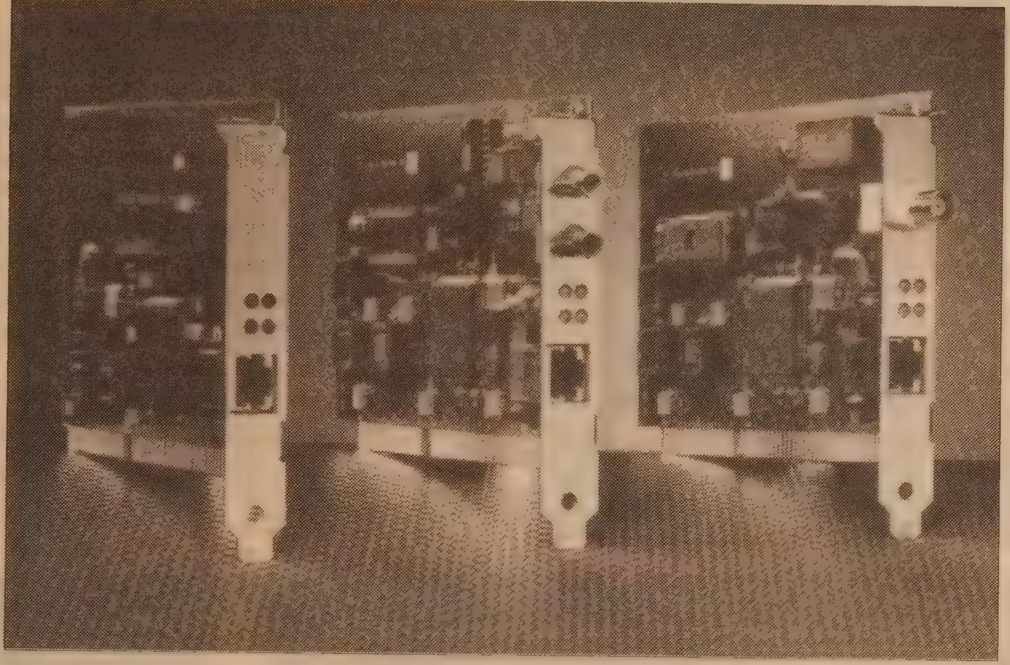


ETHERNET ADAPTER CARDS

Allied Telesis offers a line of PC/AT 16-bit Ethernet network interface cards that supports all media options. The 1500 family's three cards support a high-performance DMA Bus Master architecture, while the three 1700 cards have a memory-efficient 32Kb shared memory architecture. Each adapter card features four LED indicators that are visible after installation. The drivers for these cards seamlessly interface with all popular LAN operating systems including Novell NetWare (286, 386, Lite), OS/2 LAN Manager, Microsoft Windows, and TCP/IP connectivity. All the cards are backed by a lifetime warranty and full Novell NetWare and Microsoft certifications. (Prices range from $99.95 to $299) Allied Telesis, Inc., 575 E. Middlefield Rd., Mountain View, CA 94043. (206)889-3152.

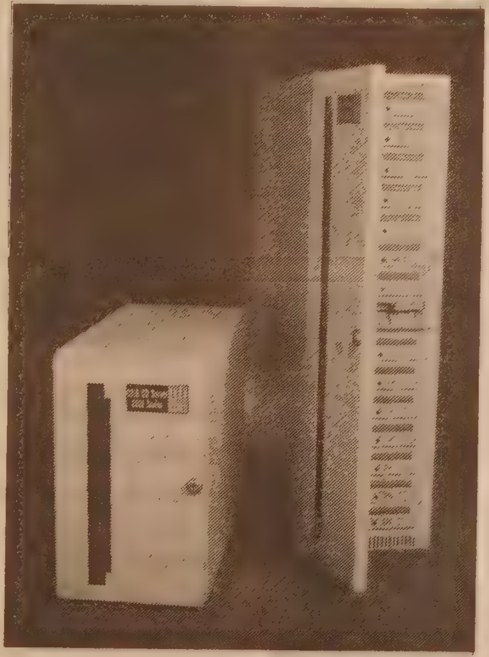
LAN
EPS1
Print Server

EPS1 PRINT SERVER

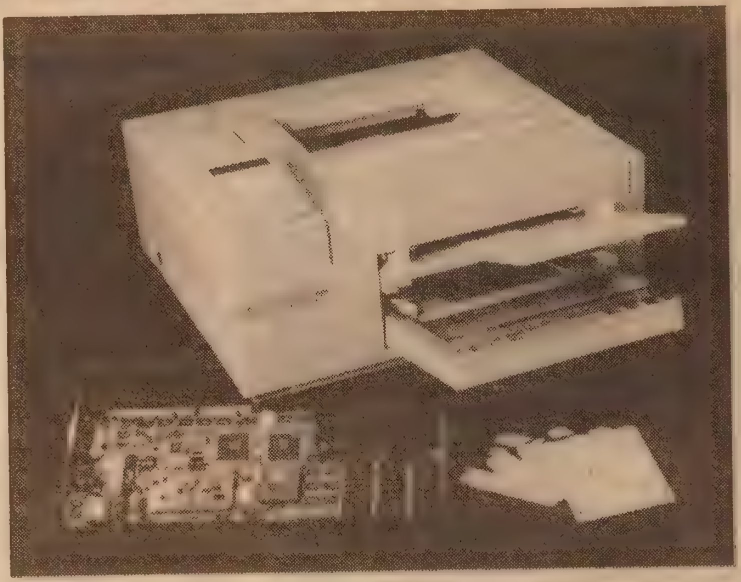
The ESP1 is a universal print server compatible with PC, Macintosh, DEC, UNIX, and other computers. LAN users can use the same Ethernet print server whether they are attaching their printers to networks using Novell's NetWare, AppleTalk, TCP/IP, or LAT protocol—or all of them simultaneously. The EPS1 Print Server makes it easier for users to change their networks, add new network protocols, or move printers from one network to another. The EPS1 includes both a Centronics-compatible parallel port and an RS423/RS232 serial port on the printer side, and both 15-pin AUI and RJ45 10BaseT connectors on the network side. Printers attached through the serial and parallel ports can be active simultaneously and optional transceivers are offered for connection to 10Base2 or 10Base5 networks. ($695) Lantronix, Inc., (714)367-0050.

CD SERVER 2000 SERIES

The CD Server 2000 is a family of CD-ROM servers that provides a fast, multiuser CD-ROM networking solution. The CD Servers can accommodate up to fourteen CD-ROM drives in a single tower, and when configured as a two-unit server system, network users have quick simultaneous access to up to twenty-eight CD-ROMs or more than 15,400MB of digital data. While CD-ROM drives tend to provide comparatively slow access times, the CD-Server 2014 features 386 or 486 processors to significantly enhance access time. Also, unless otherwise requested, the high-speed Hitachi 3750 CD-ROM drive is bundled with the server. Access time is further increased because of the server's usage of a 16-bit SCSI host adapter and through extensive use of disk caching. (The top-of-the-line CD Server 2014 with a 486 processor is $7995) CBIS, Inc., 5875 Peachtree Industrial Blvd., Bldg. 100/170, Norcross, GA 30092. (404)446-1332.



PRINTERS & SCANNERS



OKIDATA DOC•IT

DOC•IT represents a new category of integrated peripherals that make it possible for users to create, manage, and communicate documents of all formats with ease. It integrates business-quality printing, faxing, copying, and scanning capabilities into one compact, desktop unit. Designed for use with Windows and MS-DOS-based computers, it is available in two models: the DOC•IT 3000 offering 300dpi resolution, and the DOC•IT 4000 with 400dpi resolution. Both models feature a desktop document processor, a controller processor board (for insertion into a PC/AT-compatible personal computer), and DDP management software. (DOC•IT 3000 includes HP LaserJet II compatibility and has a suggested retail price of $3999) Okidata, Inc., 532 Fellowship Rd., Mount Laurel, NJ 08054. 1-800-OKI-DATA.

READSTATION

The ReadStation is an integrated, standalone optical character recognition (OCR) machine designed to be as easy and accessible as a copy or fax machine. The system incorporates a scanner, automatic document feed, dedicated computer, and OCR software in a single package. Printed or typewritten documents can be fed into ReadStation for conversion to electronic form in word processing, spreadsheet, or database files. As a standalone machine, ReadStation writes files of converted documents to a built-in 3.5" floppy disk drive. The drive supports DOS, Macintosh, and UNIX formats. Specific word processing formats, such as WordPerfect, Microsoft Word, WordStar, and others can be selected by pushing a soft-touch button on the control panel. Primarily designed for reading text, it can also operate in graphics mode and save graphical images in a TIFF file format. ReadStation can also be connected directly to a host computer via an RS-232C or RS-422 serial port. ($5495) UMAX Technologies, Inc., 3170 Coronado Dr., Santa Clara, CA 95045. (408)982-0771. 1-800-562-0311.

TEKTRONIX PHASER IISD PRINTER

The Phaser IISD dye sublimation color printer incorporates Adobe PostScript Level 2 software and TekColor Photofine technology for high-quality output of text, fine lines, smooth colors, and bright overhead transparencies. Designed for shareability in multiplatform work environments, the Phaser IISD includes AppleTalk, serial, and parallel ports. UNIX TCP/IP connectivity is also available with Tektronix' 4511A modem-sized network interface. It uses a 24MHz AMD 29000 RISC processor for fast image processing. Base memory configuration is 16MB. Photofine technology is a suite of proprietary image rendering algorithms to accurately render fine lines and text, provide smooth color shades, and produce vibrant transparencies. ($9995) Tektronix, Inc., PO Box 1000, MS 63-583, Wilsonville, OR 97070-1000. 1-800-835-6100.

Continued on page 314

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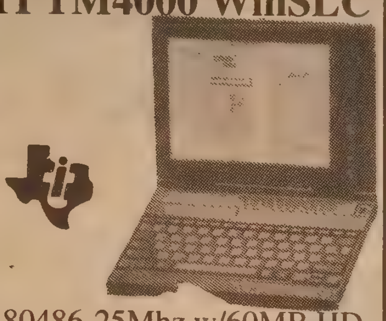

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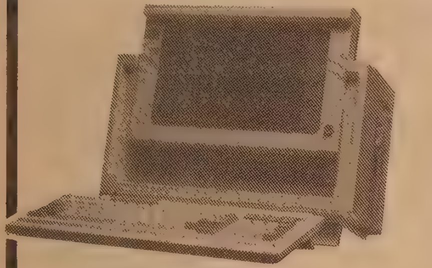

- 80386-40DLC
- 1MB Exp. to 32MB
- 2 or 3 expansion Slot
- 1.2MB w/FHDC (1.44MB optional)
- VGA 640 X 480 16 Gray Scale
- 2 Serial 1 Parallel
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- One yearWarranty Parts & Labor

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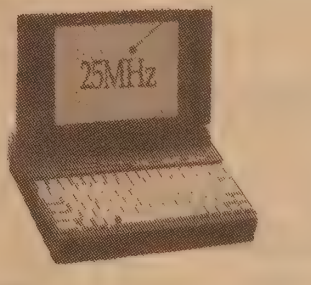

- 80386-25SXL 2MB Exp. to 8MB
- 60MB/80MB/120MB Hard disk
- Stand-by Mode(includes CPU,I/O and Peripheral automatic power down)
- 1.44mb Micro Floppy Drive
- 1 Serial, 1Parallel, VGA Ext. Port
- Ext, 101Keyboard Port, Mouse port
- One SCSI Port, Car Cigarette Cable
- One year Warranty Parts & Labor

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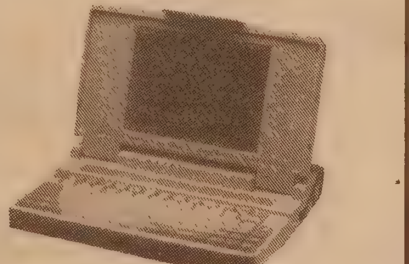
486-50/33DX/25SX



- 80486-50DX/33DX/25SX w/8K Cache
- 4MB Exp. to 16MB
- VGA LCD, 32 Gray Scale
- 1.44mb Micro Floppy Drive
- 2 Serial, 1Parallel, VGA Port, 1 kb port
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- Sleep mode, Carrying Bag, DOS 5.0
- 120MB Hard Disk
- One year Warranty Parts & Labor

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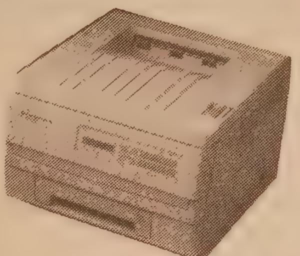
TI MicroLaser XL



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- SVGA(1024x768), Monitor : Optional
- DOS5, Quicken, Windows 3.1, mouse
- One year Warranty.

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- 101 Enhenced Keyboard
- 120MB Hard Disk , 5 Exp. Slots
- SVGA(1024x768), Monitor : Optional
- DOS5, Quicken, Windows 3.1, mouse
- One year Warranty

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- 80486-33DX/ 486-50DX w/64K Cache
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- 7 Expansion , 1 Local Bus Slot
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- Option : VGA card and monitor
- One year Warranty Parts & Labor

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- 8 Expansion Slot
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- 101 Enhanced Keyboard
- 120MB Hard Disk (25ms)
- Option : VGA card and monitor
- One year Warranty Parts & Labor

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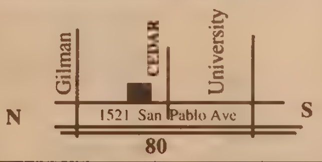

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Continued from page 81

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Areas of Specialty: Laser printer upgrades; Memory upgrades for Sun Spars; Laser Printers IBM

Operating Systems Supported: MS-DOS, Macintosh

Top-Selling Brands in 1992: Hewlett Packard, Upgrades for Laser Printers

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Santa Clara, CA 95054
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Areas of Specialty (and In-House Specialist): UNIX/OS/2 Applications (Albert Tsui); Network Applications (Chuck Liu)

Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, UNIX/SCO, Novell, 3COM

Top-Selling Brands in 1992: Orchid, Santron Systems, Panasonic

Special Value-Added Services: Money back guarantee, free 1 year on-site service for top product lines. Free training and installation or network solutions computer repair service.

Storage System Engineering Service

Store manager: Kenny Wong
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Santa Clara, CA 95054
(408)727-6040 Fax: (408)727-6042

Areas of Specialty (and In-House Specialist): C Language (James Cheng); Business Software (DeDe)

Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Macintosh

Top-Selling Brands in 1992: PC 5 High contraSt VGA Gas Plasma, SVGA color CRT portable, Portable LAN-Station

Special Value-Added Services: 1 year parts and labor warranty. Unlimited tech support. Fast RMA turnaround.

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(408)982-0288 Fax: (408)982-9369

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Operating Systems Supported: SUNOS

Top-Selling Brands in 1992: Tatung, Fujitsu, Maxtor

Special Value-Added Services: Networking services, networking training.

Tanstaafl MFG, Inc.

Store manager: Mike Tubbs
1800 Wyatt Dr.
Santa Clara, CA 95054
(800)776-5676 Fax: (408)748-9431

Areas of Specialty (and In-House Specialist): Printer sharing (Mike Tubbs)

Operating Systems Supported: MS-DOS, OS/2, Windows, Amiga, Macintosh, CP/M, EBCI OK

Top-Selling Brands in 1992: Our own products, Print share, easy share

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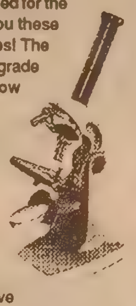

History on the march! Empires crumbling! Eager youpg scientists being trained for the new world order! We took advantage of the changing world scene to bring to you these unique items that also represent great value...Russian (formerly Soviet) microscopes! The manual calls them training microscopes, we would probably call them student-grade instruments, although they are not toys. They are biological (illuminated from below via mirror) microscopes with two objective lenses (8x, 20x) and three eyepieces (7x, 10x, 20x). The optical quality and workmanship are surprisingly good, given the stories we've heard of Soviet labor woes. The base and hinged armature are handsome painted cast aluminum, and the objective turret and lens bodies are chrome-plated brass. The only assembly required is to screw the eyepiece tube into the frame, and drop in your choice of eyepiece. These units are new, liberally greased (!), packed with a large sachet of dessicant in styrofoam & cardboard, and tied with string! The six-page manual is in fair English, and is duly rubber-stamped with several acceptance dates (1988) and certification numbers on the back. You can think of it as a piece of history, or just a decent, inexpensive microscope, only $69.95! Hurry, limited quantites!

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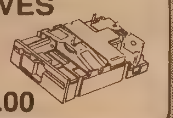

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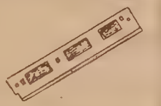

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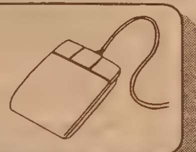

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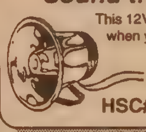

This 12VDC yelping siren is just what you need for those times when you want to attract a lot of attention! These babies are LOUD! Genuine UNGO siren, new in box. Sorry, no other alarm circuitry available, but our techie customers should have no trouble coming up with their own!

HSC# 13619 **$9.95 ea. or 10/$75.00**

Macintosh Serial Cable Set

Three piece set of Mac accessory cables consists of one RJ11 to DB9S cable, one RJ11 to Mini-DIN 8M cable, and one DB9M to DB25F adaptor. Both cables are six feet long and have noise suppressor chokes, and all items are an attractive off-white color. Large quantity purchase means a special low price!

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Back by popular demand!

It doesn't take us long to sell out of these popular rechargeable batteries when we get a batch in, so stock up now! These Yuasa NP7-12 rechargeable lead-acid batteries rated at 12VDC, 7 amp/hours. New, '91 date codes. 2.5" x 4" x 6" with solderless quick connect tabs.

HSC#13123 *$14.95 ea.*

Static Charge Alarm

These units are to be used at work stations where static charges are a concern (i.e. CMOS circuit assembly). They produce a tone whenever one of three selectable levels of static charge is present in their monitoring area, allowing you to take preventive action. Only 4" tall and comes with its own 9VDC 300mA adaptor, or will run off internal 9V battery (not included). Prevent those shocking developments!

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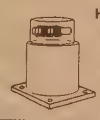
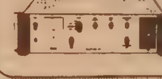
Test for Shock -- Industrial Strength!



Here is an unusual item...a resettable G-force gauge! This high quality item is used to detect mechanical shocks in excess of 15 G's...perfect for determining if your shipment was dropped by the shipping company, or use to calibrate your rocket sled! Measures 2" tall on a 1 5/8" square base. Detailed data sheet enclosed. HSC# 13656 $5.95

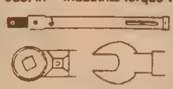
TV Modulator -- Industrial Strength!



Just what you needed to finish that home television station...this Channel 2 modulator by Telemet! These used units accept a composite video signal and audio and provide a VHF television carrier (channel 2) modulated by the input signal. 19" Rack mount chassis, schematic included. Full Manual available, $5

HSC#13657 $59.95

Torque Wrench -- Industrial Strength!



Just in – industrial torque wrenches by Mountz. These brand new items are calibrated from 20 to 200 kgf.cm and feature "click" action torque control. Snap-fit heads include useful 3/8" ratchet, 11/16", 30 mm and 13mm open ends, and 17mm box end.

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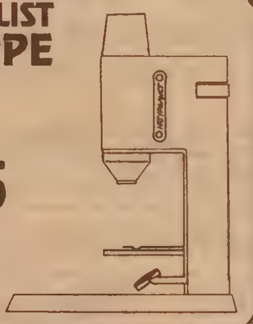


HSC has Kits...

...for those who may be beginning in electronics, or those who just want to have fun assembling a project. You can learn and end up with something fun or useful too! Many more are available, send a long SASE for a complete list with descriptions. The following are the easiest skill level:

C4486	Moisture Detector Kit	$6.50	C4487	Dual Lamp Flasher Kit	$3.75
C4516	Time Reaction Kit	$4.70	C4566	Fish Caller Kit	$4.50
C4657	Skin Resistance Monitor	$6.50	C5176	Telephone Hold Kit	$5.25
C6239	Fuzz Sound Kit	$11.20	C6356	Black Light Kit	$13.95
C6374	Jungle Bird Sound Kit	$6.50	C6406	Phasor Sound & Light Kit	$6.50

...and Kits...

...such as these slightly more challenging kits:

C4162	Strobe Kit	$20.95	C6281	Stroboscope Kit	$22.50
C5177	12VDC 1A Power Supply	$19.95	C6351	Adjustable Timer Kit	$9.00
C6351	Adjustable Timer Kit	$9.00	C6358	Proximity Alarm Kit	$14.00
C6362	Macho Meter Kit	$10.95	C6384	Logic Probe Kit	$12.75
C6392	I.R. Receiver Kit	$13.25	C6393	I.R. Transmitter Kit	$9.25
C6395	Car Fluid Level Kit	$16.95	C6442	20W+20W Stereo Amp	$20.95
C6446	Color Organ Kit	$9.95	C6447	Geiger Counter Kit	$39.95

...and still more Kits!

...such as these more advanced kits (Warning! Not for Beginners!):

C6278	Nicad Zapper Kit	$19.95	AA-7	Active Antenna Kit	$24.95
AR-1	Aircraft Band Receiver	$24.95	CW-7	CMOS CW Keyer Kit	$24.95
FM-10	FM Stereo Transmitter	$29.95	FM-2	FM Wireless Mike/Preamp	$7.95
FM-3	FM Mini Wireless Mike	$16.95	FM-4	Hi Pwr FM Wireless Mike	$12.95
FR-146	2 Meter FM Ham Receiver	$29.95	FR-220	1 1/4 Meter FM Receiver	$29.95
HR-20	20 Meter Ham Receiver	$27.95	HR-30	30 Meter Ham Receiver	$27.95
HR-40	40 Meter Ham Receiver	$27.95	HR-80	80 Meter Ham Receiver	$27.95

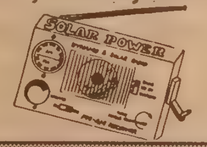
Solar Stuff for the Sunshine-Savant!

Check out these great items that work on free energy! Go solar & save!

1) Solar Battery Charger -- Small unit (2.5" x 4.5" x 1.5") has hinged lid with solar cell array for optimum sun angle. Can charge two AA or C Ni-Cd batteries (not included). LED indicates optimum charge rate. HSC#80050 $12.95

2) Solar Rechargeable Flashlight – perfect for camping, emergencies...Never needs batteries! 2.5" x 1.25" x 3" fits in purse, backpack. HSC#80048 $11.95

3) 4-Power Radio -- Good-sounding AM/FM radio has solar panel for daytime use, or its internal dynamo can be cranked to charge internal energy source for up to a half-hour of listening time! Also runs off regular AA batteries or DC Adapter (neither included). Great for emergencies, power outages, camping, etc. 3" x 6" x 1.5" You may never buy batteries again! HSC#80051 $29.95



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Areas of Specialty (and In-House Specialist): Novell, Alps (Okidata Printers) (Sonny Chin); Software, Application (CT Chu); PC Troubleshooting (Eric Wu)
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: Tech, Okidata, Chaplet
Special Value-Added Services: We provide 1 year warranties on parts and labor, and 7 day money back guarantee. Same day System diagnostic and upgrade.

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Store manager: Charles Ivie
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Santa Clara, CA 95050
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Operating Systems Supported: MS-DOS, Macintosh, Windows, Xenix
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3070 Scott Blvd.
Santa Clara, CA 95054
(408)980-0602 Fax: (408)990-0604

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Santa Cruz

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(408)423-4133 Fax: (408)459-8689

Areas of Specialty (and In-House Specialist): Health Care Reporting (Diane Brayman); Desktop Publishing (Howard Schneider); Networking (Howard Schneider)
Operating Systems Supported: Macintosh
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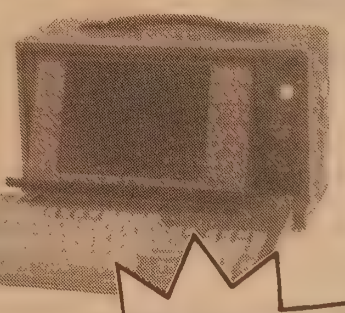

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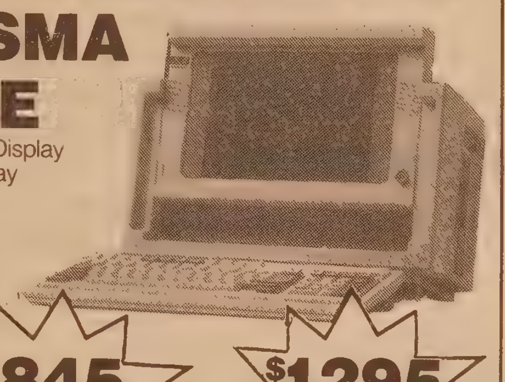

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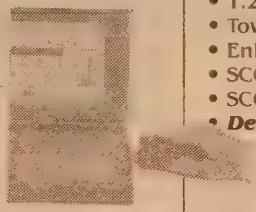

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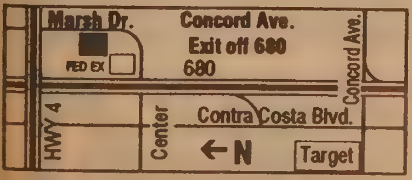

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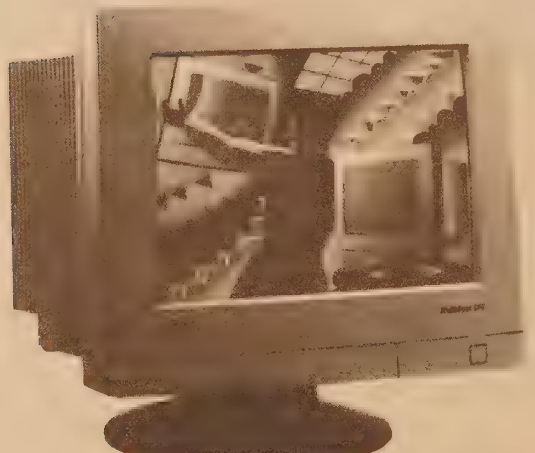

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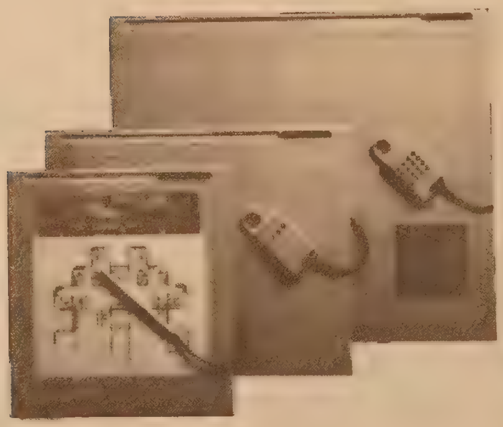

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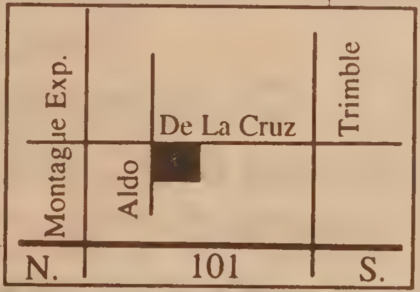

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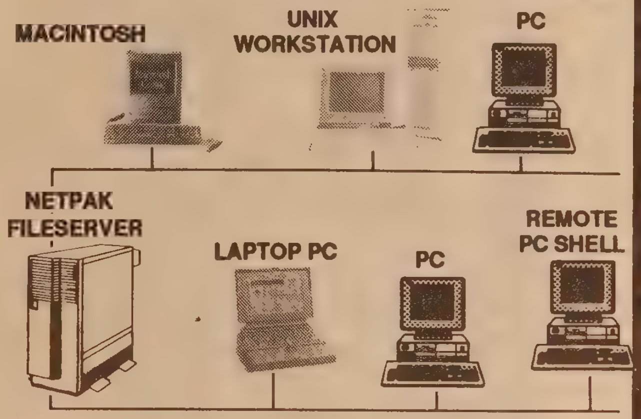

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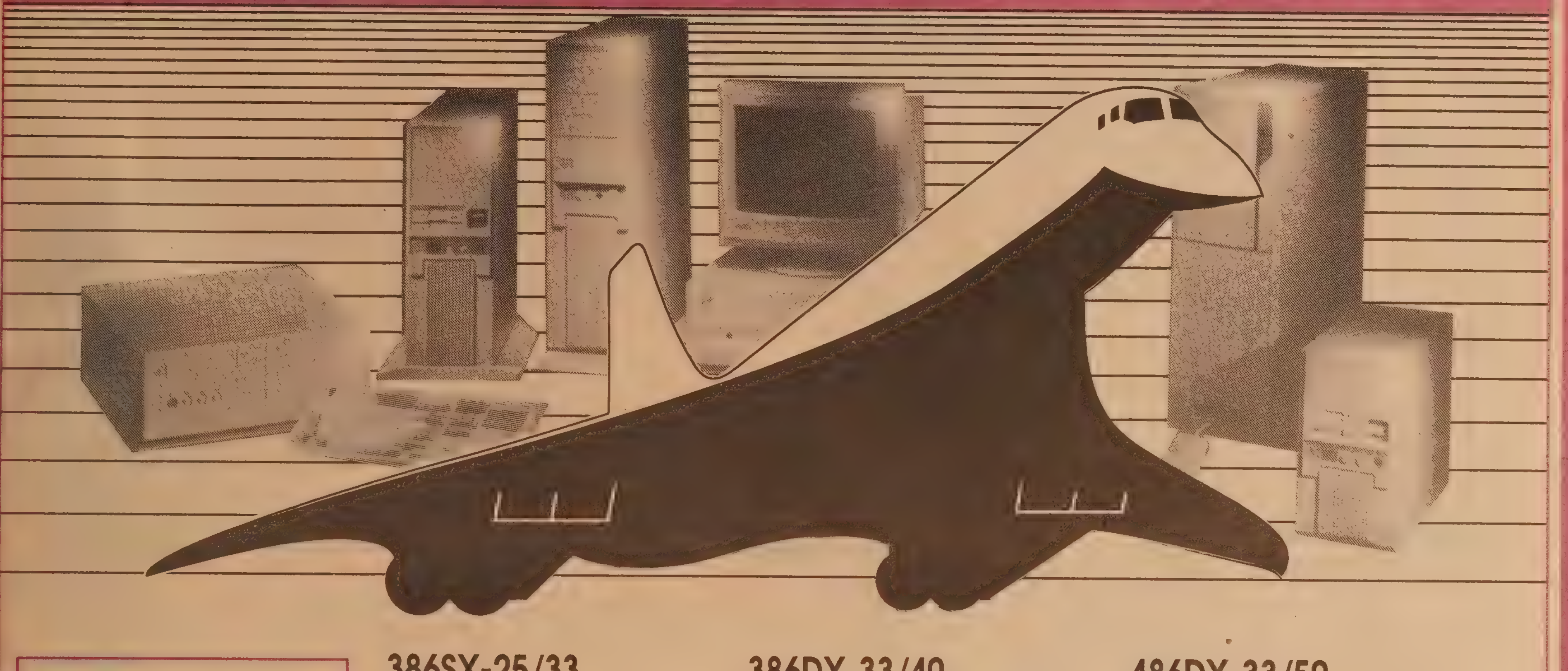

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514400-80 (1x4) SOJ	12
514100-80 (4x1) SOJ	13

COMPAQ MEMORY	
DeskPro 386/20e, 20, 35e, 25 286e	
1 MB Module	CALL
4 MB Module	CALL
DeskPro 386/20e, 25e	
1-9 MB Exp Brd	CALL
4-12 MB Exp Brd	CALL
DeskPro 386s-16	
1 MB Module	CALL
4 MB Module	CALL
1-9 MB Exp Brd	CALL
4-12 MB Exp Brd	CALL
DeskPro 286N, 386N, 386SX/20	
2 MB Module	CALL
4 MB Module	CALL
DeskPro 386N, 386SX/20	
2 MB Module	CALL
DeskPro 286N, 386N	
0-4 MB Exp Board	CALL
DeskPro 386/33SL, 486/25, 486/33L System Pro	
2 MB Module	CALL
8 MB Module	CALL
32 MB Module	CALL
DeskPro 386/16	
1 MB Kit	CALL
1 MB Exp Brd	CALL
2 MB Exp Brd	CALL
4 MB Kit.	CALL
4 MB Exp Brd	CALL
8 MB Exp Brd	CALL
Portable 386	
1 MB Kit.	CALL
4 MB Exp Brd	CALL
4 MB Exp Brd	CALL
Portable LTE (8086)	
512K Module	CALL
Portable LTE/286	
1 MB Module	CALL
2 MB Module	CALL
4 MB Module	CALL
Portable SLT/286	
1 MB Module	CALL
4 MB Module	CALL
Portable SLT/386	
1 MB Module	CALL
2 MB Module	CALL
4 MB Module	CALL
Portable III	
512K Kit.	CALL
2 MB Kit.	CALL

IBM PS/2 MEMORY	
Mdl 30/386, Exp Brd	
512K Kit	CALL
2 MB Kit	CALL
Mdl 70-061; -121; 55SX; 65SX: Exp Brd	
1 MB Module	CALL
Mdls 70-061: E61: 121: 50Z, 55LS, 55SX: 65SX: P70:	
2 MB Module	CALL
Mdls 70-A21: A61, B21, B61	
2 MB Module	CALL
Mdls 55SX: 65SX: 55LS, 65LS	
4 MB Module	CALL
Mdls 80-111; 121, 311, 321	
2 MB Card	CALL
Mdls 80-A21; A31	
4 MB Card	CALL
Mdls 80-A21: A31	
4 MB Card	CALL
Mdls 90; 95	
2 MB Module	CALL
4 MB Module	CALL
Mdls 50 & 60	
2-8 MB Exp Brd.	CALL
Mdls 70 & 80	
2-8 MB Exp Brd	CALL
2-14 MB Exp Brd	CALL
4-16 MB Exp Brd	CALL
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2 MB Module	CALL
PS/1 Home System	
512K Upgrade	CALL
2 MB Upgrade	CALL

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T1600	2 MB Card	CALL
T3100SX	2 MB Card	CALL
	4 MB Card	CALL
T3100e	512K Card	CALL
	2 MB Card	CALL
T3200SX	2 MB Card	CALL
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T3200	3 MB Card	CALL
T1000SE; XE	1 MB Card	CALL
T5100	2 MB Card	CALL
T5200: 8500	2 MB Card	CALL

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service, education, etc.
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Amiga, Macintosh, UNIX
Top-Selling Brands in 1992: Novell
Special Value-Added Services: Service, training, support, warranties, return policy, etc.

PC Choices Inc.

Store manager: Caleb Chang
2769 El Camino Real
Sunnyvale, CA 95050
(408)248-8898 Fax: (408)248-9998
Areas of Specialty (and In-House Specialist): Hardware; Software; 10 years exp. in PCs.
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: Data Master 486DX-33, 50Mz System
Special Value-Added Services: In-house training.

PC Warehouse

Store manager: Shawn B. Moon
1082 E. El Camino Real #3
Sunnyvale, CA 94087
(408)985-1309 Fax: (408)985-1315
Areas of Specialty (and In-House Specialist): Business Accounting (Shawn B Moon); Desktop Publishing (Tim Lo); Networking (Shawn B Moon)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Macintosh, SCO
Top-Selling Brands in 1992: PCW-IBM Compatible, NEC, AST
Special Value-Added Services: We offer free tutorials to beginners and experienced users on new products and we give complete support on software and hardware.

PromoX Systems

Store manager: James Young
1050 E. Duane Ave., Ste. B
Sunnyvale, CA 94086
(408)733-2966 Fax: (408)733-2968
Areas of Specialty (and In-House Specialist): UNIX/Xwindow (James Young); Network (Benson Young); Communication (Ted Tu)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, SCO/PromoX
Top-Selling Brands in 1992: SCO/UNIX, PromoX UNIX SVR4, SMC Network Card
Special Value-Added Services: One-year on-site service is available. All of the systems come with 1 year parts, two years mainboard, and three years labor warranty. Custom software/hardware/network design/installation is available.

Quadmation, Inc./PHD Systems

Store manager: Shenan Kuo
1120 Stewart Ct., Ste. L
Sunnyvale, CA 94086
(408)733-5557 Fax: (408)733-1938
Areas of Specialty: Macintosh Environment
Operating Systems Supported: Macintosh
Top-Selling Brands in 1992: Quadmation ZPS-series Power Supplies, Quantum, SyQuest
Special Value-Added Services: Quadmation/PHD Systems, manufacturer of ZPS-series Power Supplies and distributor of external/internal SCSI kits, provides customer support, in-house/on-site service, and system configuration.

Schwab Computer Center

Store manager: Wayne Lo
730 EaSt El Camino Real St.
Sunnyvale, CA 94087
(408)245-6666 Fax: (408)245-3103
Areas of Specialty (and In-House Specialist): Novell; Artisoft; System Integration
Operating Systems Supported: OS/2, Windows
Top-Selling Brands in 1992: Schwab in-house brand
Special Value-Added Services: System integrate or CAD/CAM System, carry full line of 21" and 17" hi-res monitor and hi-res graphics ie: number 9, Methens. We carry 486-286 computer.

SoftByte Compuvisions

Store manager: David Wilkins
530 Lawrence Expwy.
Sunnyvale, CA 94086
(408)737-8680 Fax: (408)737-1861
Areas of Specialty: Windows Software/Shareware; Windows 3.1; Windows/DOS Consulting
Operating Systems Supported: MS-DOS, Windows, Windows NT
Top-Selling Brands in 1992: MS Word for Windows, MS Excel, Borland C++
Special Value-Added Services: Custom systems, training. Free advice.

The Super Link

Store manager: Victor Ting
1257A Tasman Dr.
Sunnyvale, CA 94089
(408)745-1606 Fax: (408)745-1609
Areas of Specialty (and In-House Specialist): IBM Compatible Computers (Victor Ting)
Operating Systems Supported: MS-DOS, Windows
Special Value-Added Services: Six years in PC business. Reliable references upon request. 1 year warranty for systems and motherboards, 90 days for parts, technical support.

USM Distributors/US March Systems

Store manager: Beth McKiness
1250 Oakmead Pkwy.
Sunnyvale, CA 94086
(408)738-8291 Fax: (408)738-8299
Areas of Specialty (and In-House Specialist): dBase (Joey Catagan); Networks (Joey Catagan)
Operating Systems Supported: MS-DOS, Windows, Windows NT, Novell
Top-Selling Brands in 1992: AMI, Micronics, Quickpath
Special Value-Added Services: Custom integration and networking. Government corporate and University P.O.'s welcome. 1 year parts and labor warranty.

Union City

ScienTech

Store manager: Willis Chou
2845 Whipple Rd.
Union City, CA 94587
(510)429-8690 Fax: (510)429-8693
Areas of Specialty (and In-House Specialist): Lotus 1-2-3 (Willis Chou); dBase (Willis Chou); WP (Willis Chou)
Operating Systems Supported: MS-DOS, Windows, Windows NT
Special Value-Added Services: 2 years labor warranty on PC's.

Vallejo

Domino Computer

Store manager: Ron
480 Redwood St., Ste. 41
Vallejo, CA 94590
(707)644-5055 Fax: (707)644-5054
Areas of Specialty (and In-House Specialist): Customized Computer System
Operating Systems Supported: MS-DOS, OS/2, Windows
Top-Selling Brands in 1992: Spear, Everex

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FCC Class B Approved

Your system could be ILLEGAL if it is not FCC Approved!!

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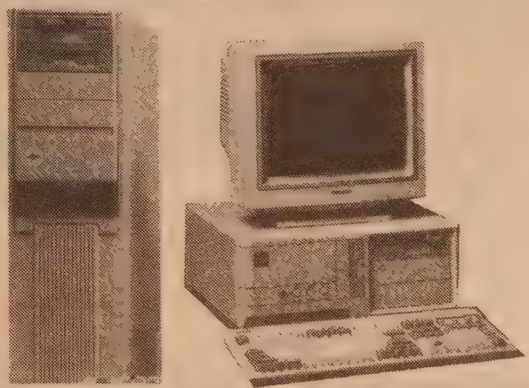
486DX2-66 EISA W/64K	$858	$1028	$1266	$1463	$1623	$1721
486-50 EISA W/64K	833	1003	1241	1439	1598	1696
486-33 EISA W/64K	628	798	1036	1234	1393	1491
486DX2-66 ISA W/64K	720	890	1128	1326	1485	1583
486-50 ISA W/64K	658	828	1066	1264	1423	1521
486-33 ISA W/64K	460	630	868	1066	1225	1323
486SX-25	185	350	588	786	945	1043
386-40 W/64K	155	315	553	750	910	1008
386-33 W/64K	152	312	550	747	907	1005
386-25DX	130	290	528	725	885	983
386SX-33	98	261	499	696	856	954
386SX-25	91	255	490	690	850	948
286-20	62	222	458	658	817	915



BASIC SYSTEMS INCLUDE:
- Baby case & power supply
- Motherboard & CPU
- 1MB RAM installed
- 1.2MB or 1.44MB Floppy Drive
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- Internal Clock/Calendar
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486-50 64K
w/Local Bus Video Board
+ Basic System
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DIAMOND SpeedStar 24X w/1MB, Hi-Color	160
DIAMOND Stealth VRAM w/1MB, Hi-Color	204
*ORCHID ProDesigner IIs w/1MB	112
*ORCHID ProDesigner IIS w/1MB, Hi-Color	121
*ORCHID ProDesigner IIS (EISA) w/1MB Hi-Color	155
*ORCHID Fahrenheit	195
TSENG Lab VGA w/1MB	77
AVGA III w/1MB Windows Accelerator	77
AOC Monitor 15", 1280x1024, .28	495
NEC 3FGX 15", 1024x768, .28	625
NEC 4FG 15", 1024x768, .28	735
NEC 5FG 17", 1024x768 .28	1335
NEC 6FG 21", 1280x1024 .28	2320
SONY OEM 17", 1024x768 .25	930
VIEWSONIC 4E/5E/5+	285/385/485
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IDE 2FD/2HD	$13
IDE 2FD/2HD with 2S/1P/1G	16
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Ultrastor SCSI 24F (EISA)	440
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Adaptec SCSI 1542Bk w/Kit (ISA)	242

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170MB 16ms IDE	290
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Tower Case full size, 6 drives, 250wps	$105
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Tower Case mini size, 5 drive, 2000wps	60

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DOS 5.0	38
Power Center	$14
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CYRIX 387DX-25.	80
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1. No Refund or credit after 30 Days. Shipping, Insurance, and COD charges are non-refundable.
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3. All return items must be in original packaging and must include all manuals.
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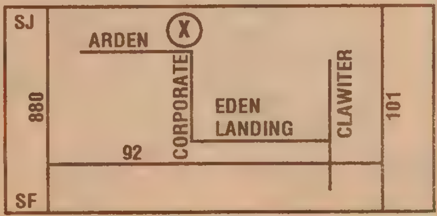

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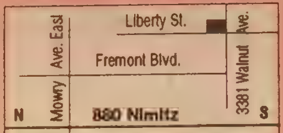

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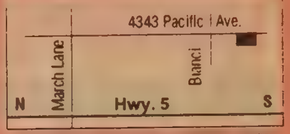

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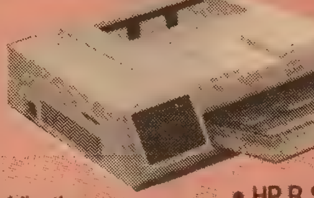

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  5 years on printhead
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- High-capacity 200-sheet paper tray included
- HP R Series II Compatible
- Design fits any desktop

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OL830 LED PACE PRINTER

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- Full Adobe® PostScript® printing and PCL 4 Compatibility with Control Panel™
- Auto-Switching software from LaserTools®
- 2 MB RAM Standard
- 26 bitmapped plus 17 Adobe scalable fonts standard
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Revolutionary technology lets you print stunning, vivid color on any paper

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386SX/20 40MB

- VGA with 32 Gray Shades
- 2 MB RAM
- 386SX/20 MHz

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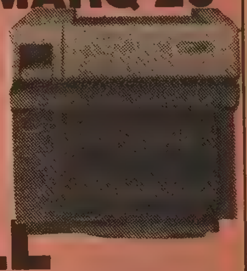

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- 40MB HD
- 2MB RAM
- 1.44 Floppy Drive
- Keyboard
- Color VGA Monitor

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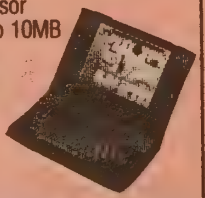
- VGA LCD Display



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Maxtor 340MB HD	.CALL
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COPAM 386-33, 4MB RAM	.BEST PRICE
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Canon BJC-820 Color Bubble Jet Printer	.CALL
Smart UPS 800/900/1200/2000	.CALL
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Sony CPD-1320 Color Monitor	.CALL
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Tempo 386SX-20	.CALL
PS/2 320MB HD	.CALL

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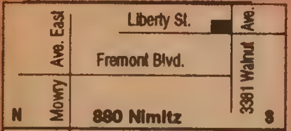

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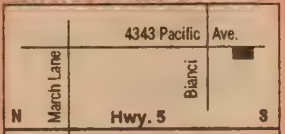

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- Ideal for Winows environment
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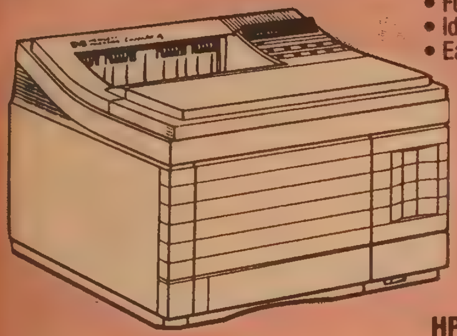

HP LaserJet 4M printer with envelope feeder and lower paper tray

HP DeskWriter 550C Printer

- 300-dpi, laser-quality black and color printing
- Convenient color printing with two ink cartridges
- Macintosh System 7.0 compatible
- 3-year limited warranty
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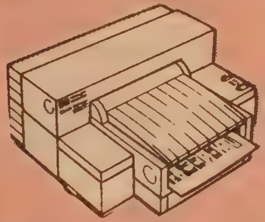
- Integrated spooling for faster print speed



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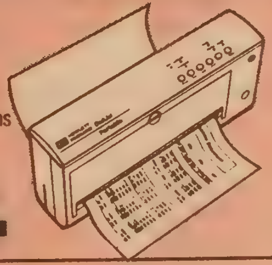
HP DeskJet Portable Printer

- 300-dpi, laser-quality printing
- Small, lightweight size — weighs just 4.4 lb. (2 kg)
- Fast print speed — up to 3 pages per minute
- Prints up to 100 pages on a single battery charge
- Variety of built-in fonts — 84 typeface, size, and style combinations
- Backed by HP reliability
- Optional accessories for maximum versatility



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HP PaintJet XL 300 Color Printer

- Laser-quality color and text on plain paper
- Versatile color features
- Connects with PCs, Macs, workstations, and more
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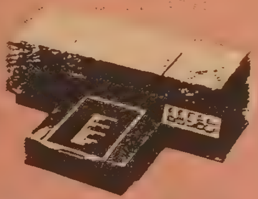
- Network-ready
- Optional Adobe PostScript Level 2



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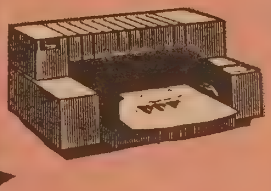
HP DeskJet 500C Color Printer For IBM PC

This color printer is ideal if you want primarily black output, but are eager to use up to 16.7 milion colors and greyscale in your communications. Its 300 dpi color output rivals that of printers costing three times as much, plus it is networkable and prints on plain paper. Built-in print spooling plus Hewlett-Packard's dependable 3 year warranty



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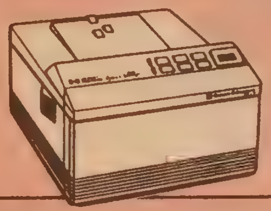
HEWLETT PACKARD

HP IIIP

- Superior 300 dpi print quality
- Resolution Enhancement Technology
- Prints fonts and graphics faster than other laser printers



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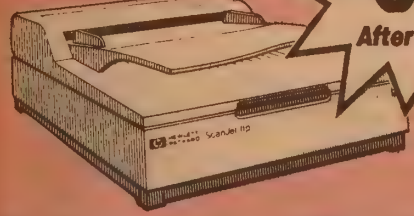
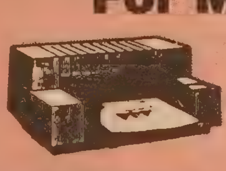
ScanJet IIP for MAC

$699
After Rebate



Extremely Affordable

HP DeskWriter C Printer For Macintosh



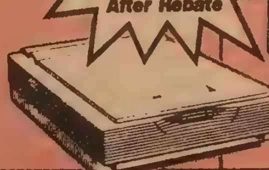
$424
After Rebate

This color printer is ideal if you want primarily black output, but are eager to use up to 16.7 million colors and greyscale in your communications. Its 300 dpi color output rivals that of printers costing three times as much, plus it is networkable and prints on plain paper. Built-in print spooling plus Hewlett-Packard's dependable 3 year warranty.

HP ScanJet IIc for MAC

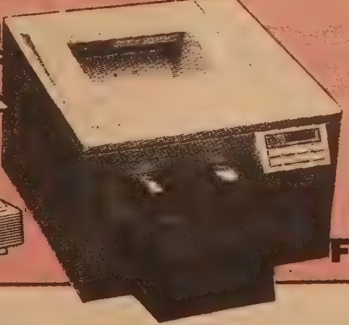
$1199
MAC Version
After Rebate

The new HP ScanJet IIC gives you 256 levels of gray or 24-bit color professional quality documents Supports IBM AT-compatible PCs' MicroChannel or Macintosh personal computers



PC MAGAZINE

HP LaserJet IIIsi



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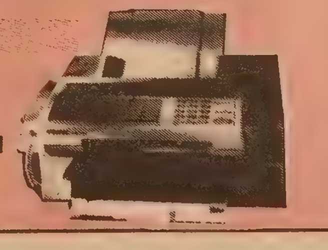

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Areas of Specialty (and In-House Specialist): IBM PC/AT/XT Compatible (Imtiaz Ahmed); Titible Computers (Suhail Farrukh); (Shawn Lodi)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Amiga, Macintosh, SCO/AT&T/Interactive
Top-Selling Brands in 1992: Sam Workstation, 486/33,50&60 Systems
Special Value-Added Services: We provide 1 year warranty parts and labor. Full tech-support provided by phone six days a week. Wherever installed, training is provided for UNIX/Novell/LAN.

Advanced Computer Systems

Store manager: Shawn Lodhi
1231 Market St., Ramada Inn
Walnut Creek, CA 94103
(415)552-2902 Fax: (510)945-4941(415)703-6217
Areas of Specialty (and In-House Specialist): IBM PC/AT/XT Compatible (Imtiaz Ahmed); Titible Computers (Suhail Farrukh); (Shawn Lodi)
Operating Systems Supported: MS-DOS, OS/2, Windows, Windows NT, Amiga, Macintosh, SCO/AT&T/Interactive
Top-Selling Brands in 1992: Sam Workstation,486/33, 50&60 Systems
Special Value-Added Services: We provide 1 year warranty parts and labor. Full tech-support provided by phone six days a week. Wherever installed, training is provided for UNIX/Novell/LAN.

Alpha Fine Computer Furniture

Store manager: Victor Jurado
2241 N. Main St.
Walnut Creek, CA 94596
(800)974-0277
Areas of Specialty (and In-House Specialist): Computer Furniture
Top-Selling Brands in 1992: Winners Only, LJ Howard, Data Desk
Special Value-Added Services: Complete office furniture design layout. Custom orders and finishes our specialty. Free delivery service available.

ASYST Computers

Store manager: Leslie Asher
1330 N. Broadway
Walnut Creek, CA 94596
(510)932-7978
Areas of Specialty (and In-House Specialist): Networks (Staff); Custom Programming (Staff); Databases (Staff)
Operating Systems Supported: MS-DOS, OS/2, Windows NT, SCO, Novell
Top-Selling Brands in 1992: DTK, AST, Acer
Special Value-Added Services: Custom progamming, training, database management, computer services and repairs.

Computer Selection Business Center

Store manager: Dave Pinkham
1676 N. California Blvd.
Walnut Creek, CA 94596
(510)943-2882 Fax: (510)943-2890
Areas of Specialty (and In-House Specialist): Desktop Publishing; Multimedia; Networking
Operating Systems Supported: MS-DOS, Windows, Windows NT, Macintosh
Top-Selling Brands in 1992: Apple, Compaq, Hewlett Packard
Special Value-Added Services: We offer in-house service, technical support (fee based), lowest price guaranteed (see store for details).

MTC Computer Training

Store manager: Richard O'Keeffe
2999 Oak Rd., #230
Walnut Creek, CA 94596
(510)933-9955 Fax: (510)932-6562
Areas of Specialty (and In-House Specialist): Computer training: Full Microsoft (Richard O'Keeffe); WordPerfect, Borland, Aldus
Operating Systems Supported: MS-DOS, Windows, Windows NT, Macintosh
Top-Selling Brands in 1992: Windows, Excel, Word
Special Value-Added Services: Guarantee 100% total satisfaction, or retake class for free.

Systems Unlimited

Store manager: John Issac
1554 Newell Ave.
Walnut Creek, CA 94596
(510)906-1690 Fax: (510)906-1699
Areas of Specialty (and In-House Specialist): UNIX (SCO) (John Issac); Novell (John Issac); Informix Database (John Issac)
Operating Systems Supported: MS-DOS, OS/2, Windows, SCO
Top-Selling Brands in 1992: AMI Computer, Everex, SCO
Special Value-Added Services: Lifetime technical support. Complete consultation and needs analysis. Complete turnkey solutions.

West Pittsburg

Laser Fill

Store manager: Mike Kucera
67 Tina St.
WeSt Pittsburg, CA 94565
(510)458-9110 Fax: (510)458-9110
Areas of Specialty: Laser Printer; Canon PC Copier; Service
Top-Selling Brands in 1992: Canon, Hewlett Packard, Apple
Special Value-Added Services: Guaranteed remanufactured cartridges for most popular lasers and PC copiers.

Out of State

PC House

Store manager: Koko Tha
1422 NW 82nd Ave.
Miami, FL 33126
(305)471-0821 Fax:(305)471-0934
Areas of Specialty (and In-House Specialist): Computer Systems (Sales Staff)
Operating Systems Supported: MS-DOS
Top-Selling Brands in 1992: Micro Q Computer System, Panasonic, Epson
Special Value-Added Services: All products, 1 year warranty, free tech support, Panasonic and Epson product authorized service center.

PC House

Store manager: Robin Toh
12609 Olive Blvd.
St. Louis, MO 63141
(314)542-0860 Fax:(314)542-0861
Areas of Specialty (and In-House Specialist): Computer Systems (Sales Staff)
Operating Systems Supported: MS-DOS
Top-Selling Brands in 1992: Micro Q Computer System, Panasonic, Epson
Special Value-Added Services: All products, 1 year warranty, free tech support, Panasonic and Epson product authorized service center.

PC House

Store manager: Mike Siak
990 N. Bowser Ste. 760
Richardson, TX 75081
(214)669-2545 Fax:(214)669-3570
Areas of Specialty (and In-House Specialist): Computer Systems (Sales Staff)
Operating Systems Supported: MS-DOS
Top-Selling Brands in 1992: Micro Q Computer System, Panasonic, Epson
Special Value-Added Services: All products, 1 year warranty, free tech support, Panasonic and Epson product authorized service center.

PC House

2119 S. Hudson St.
Denver, CO 80222
(303)756-3601 Fax:(303)756-3602
Areas of Specialty (and In-House Specialist): Computer Systems (Sales Staff)
Operating Systems Supported: MS-DOS
Top-Selling Brands in 1992: Micro Q Computer System, Panasonic, Epson
Special Value-Added Services: All products, 1 year warranty, free tech support, Panasonic and Epson product authorized service center.

PC House

Store manager: Paul Jeng
2865 152nd NE Ave.
Redmond, WA 98025
(206)869-6500 Fax:(206)869-6502
Areas of Specialty (and In-House Specialist): Computer Systems (Sales Staff)
Operating Systems Supported: MS-DOS
Top-Selling Brands in 1992: Micro Q Computer System, Panasonic, Epson
Special Value-Added Services: All products, 1 year warranty, free tech support, Panasonic and Epson product authorized service center.

Phone Access

KBBS

Online access only
(818)886-9457 Fax:(818)886-0872
Areas of Specialty (and In-House Specialist): Online BBS Service (Dave)
Operating Systems Supported: MS-DOS, OS/2, Macintosh
Special Value-Added Services: Shareware for Windows, OS/2, DOS, and Macintosh computers. Online match making, dating and online profiles of singles in the Los Angeles area. Multichannel chat sessions, electronic mail, employment opportunities, "for sale" listings.

Input Automation

Store manager: Eileen O'Donnell
(510)685-6563 Fax:(510)530-2849
Areas of Specialty (and In-House Specialist): Bar Code (Eileen O'Donnell/Jay O'Donnell)
Operating Systems Supported: MS-DOS, Windows
Top-Selling Brands in 1992: Welch Allyn, Panasonic, Salo
Special Value-Added Services: System integration for bar code, factory floor, data collection.

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- Case
- Power Supply
- 101-key keyboard

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- 2 Floppy (5 1/4" & 3 1/2")
- 14" SVGA Monitor .39 dp
- SVGA Card with 512K
- MiniTower
- IDE 2 FD/ 2HD; 2S/1P/1G Controller
- 40MB Hard Drive
- 101 Enhanced Keyboard

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- 4MB RAM
- 2 Floppy (5 1/4" & 3 1/2")
- 14" SVGA Monitor .28 (1024x768)
- SVGA Card with 1MB
- MiniTower
- IDE 2 FD/ 2HD; 2S/1P/1G Controller
- 120MB Hard Drive
- 101 Enhanced Keyboard

$1095/1119

486DX-33/50 64K CACHE SYSTEM

- 4MB RAM
- 2 Floppy (5 1/4" & 3 1/2")
- 14" SVGA .28 dpi (1024x768)Monitor
- SVGA Card with 1MB
- MiniTower
- IDE 2 FD/ 2HD; 2S/1P/1G Controller
- 120MB Hard Drive
- 101 Enhanced Keyboard

$1429/1699

LOCAL BUS 486-33/50 64K CACHE SYSTEM

- 4MB RAM
- 2 Floppy (5 1/4" & 3 1/2")
- 14" SVGA .28 dpi (1024x768)Monitor
- SVGA Windows Accelerator with 1MB
- MiniTower
- IDE 2 FD/ 2HD; 2S/1P/1G Controller
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MAG 15F/17F	599/1139

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Printer Works *Hayward*
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NCA Peripherals *Sunnyvale*
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Rabbit

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Radius

MacAdam Computer *San Francisco*
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Q Squared Service, Inc. *San Jose*
Service
Quadmation, Inc./PHD Systems *Sunnyvale*
Sales, Service, Support

RasterOps

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Mac Outlet *Fremont*
Sales, Support
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Service

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SK Systems *Newark*
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- 14' SVGA Monitor, 0.28 Dot
- SVGA Card (1 MB)
- IDE, I/O, w/2S, 1P, 1G Port
- 101 Enhanced Keyboard
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- Mini-Tower Case

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Discount Computer Products *Hayward*

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Sales

PromoX Systems *Sunnyvale*

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Blue Mountain Software *San Rafael*

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SynOptics

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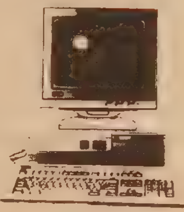

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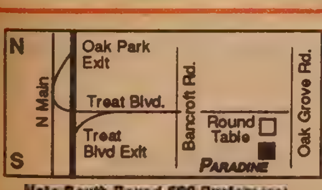

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Continued from page 140

The MicroTimes Writers' Soapbox Awards For 1992

glitches. Backing up onto almost any medium (diskettes, tapes, MOs, etc.), it facilitates scriptable, automated local, Localtalk and network backup, file recovery and disk-contents reconstruction—though its scripting is not for the novice user. I've also found their technical support unusually responsive, patient and knowledgeable. (Dantz, 510/849-0293)

For arbitrarily complex, arbitrarily large Mac database management system (DBMS), Acius' **4th Dimension** provides a powerful though un-cheap relational system. No robust DBMS is simple, but 4D is unusually "easy" to program and use. Also has lots of 3rd party add-ons. (Acius, 408/252-4444)

For more straightforward, moderate-sized datafiles, I use ProVUE Development's **Panorama II**. Inexpensive; lots of add-ons; easy to learn, program, modify and use. (ProVUE, 714/892-8199)

I use Kiwi Software's **PowerMenus** constantly—pull-down submenus of submenus of menus without limit (requires System 7). With a disk alias in the Apple menu, one can pull-down to open any folder, subfolder or application. Neat, customizable. (Kiwi Software, 805/685-4031)

HARDWARE

I continue to get most hardware—DAT drives, DAT tape, hard disks, etc.—from Alliance Peripheral Systems (APS). *Very* competitive pricing; *very* reliable and trustworthy; responsive and knowledgeable, toll-free tech support. (APS, 800/233-7550)

After hearing numerous complaints, I carefully avoided Apple's fax-modem for the PowerBook, choosing instead a **PowerPort Gold** fax-modem from Global Village. I've used another fax-modem on the desktop Mac for several years, but gave up on the fax option due to slow file-to-fax conversion, inconvenient Chooser-switch commands, limited fax directories, etc.. In contrast, the PowerPort's a delight. Pressing the Option key converts from print to fax output. The fax directory, transmission, reception and printing tools are comprehensive and easy to use. And the data-modem was a real surprise:

I've long wanted to dial-in to my online and email at 9600 baud, but was never able to get over 2400-baud—even using matching Telebit modems. Everyone blamed funky rural phone lines. But the PowerPort runs just fine at 9600-baud for the same connections, and the Gold offers 14.4KB for the future. (Global Village, 415/390-8200)

Also, spend the extra bux to get a Gold, rather than the less capable Silver or Bronze models. The lower priced pair work okay, but the world's movin' to the greater capabilities; short-term saving guarantees long-term limitations.

I wanted to upgrade an early Mac LC from a 68020 sans math-chip to a 68030 with math-chip. DayStar's **Equalizer LC** worked great! Inexpensive; about two minutes' trivial installation; easily upgradable to a whole range of accelerators. I've forgotten about it since then—hardware's highest commendation. (DayStar, 404/967-2077)

ONLINE SERVICES

You're online, or you're disconnected—self-inflicted, rapidly increasing incapability. Admittedly, online access to the Internet—the best, most robust and most diverse information and discussion medium—invariably requires using various Interfaces From Hell—communications programs that are almost as bad as most DOS programs.

I'm sure I'll again login to CompuServe (800/848-8199) and America Online (800/827-6364) when I find time—though I probably won't bother with Plodigy or GEnie. But, most of my online time is to or through the Whole Earth 'Lectronic Link, the **WELL** (415/332-4335 voice, 415/332-6106 modem). Several thousand *active* users; amazing diversity and depth of content; robust spectrum of unfettered discussions; fully connected to the Internet (Usenet, FTP, telnet, etc.). Not the cheapest service around, but the discussions are powerful.

If I "only" wanted access to the Internet, Usenet, global email, and numerous other network services, I'd be hard pressed to choose between Portal (Cupertino, 408/973-9111) and Netcom (San Jose, 408/554-8649). Ask if they have a POP (point of presence) near you for local dial-up.

PRIMO REFERENCES

For the exploding world of wide-area networking (WAN): ***Zen and the Art of the Internet*** (Brendan Kehoe, Prentice Hall) is an outstanding tutorial about the huge, invaluable, cooperative anarchy known as the Internet that serves millions. It's 112 pages, eminently readable by any intelligent lay person; excellent survey and overview of this potent global communication and information system.

WAN's bible is, ***The Matrix: Computer Networking and Conferencing Systems Worldwide.*** (John Quarterman, from both Digital Press and Prentice Hall.) 719 pages about the capabilities, services and thousands of specific networks.

For **Mac books**, Addison-Wesley (800/447-2226) and Peachpit Press (800/283-9444) are my "first sources." A-W's been the official publisher for most of Apple's Macintosh tutorial and technical books; maintaining unusually excellent technical quality. Peachpit publishes many of the best and most concise reference works about the Mac, beyond "official" Apple/Mac references. These two publishers complement and supplement each other; catalogs available.

For **PC and Borland books**, I first turn to Osborne/McGraw-Hill (415/549-6610). They have been Borland's official publisher for a number of unusually well-done tutorials and references, and have been focused on high-quality microcomputer books ever since they were founded in the mid-'70s; one of microcomputing's first publishers.

JOHN WOLCOTT

BEST OF 1992

It's not exactly a product, but the single best development for 1992 is the staggering drop in computer hardware pricing. Whether due to clone competition, a recessed economy, or higher technology pushing down prices of powerful, but not "top of the line" components, the computer industry has put amazing technology within the grasp of computer users at large. Devices that were previously unthinkable because of cost or complexity of use are now affordable and user friendly enough to be commonplace.

What specific products are tops for your IBM PC/AT or clone? At the top of my list are **Cursor Deluxe Plus**, a cursor design package, the **Telebit WorldBlazer** modem, and the **Pro Audio Spectrum 16** sound card.

With Cursor Deluxe Plus, there's no more cursor search on your laptop or notebook computer. In an electronics store in Oakland, I happened upon a notebook computer that had a stunningly noticeable mouse cursor: a large arrow, flashing between black and white. I had to have it. The salesman directed me to the software department and the Cursor Deluxe Plus package.

This software package allows selection of a mouse cursor from a cursor library or custom design (even animation!). Following the Windows mouse screen cursor is no longer a chore. Of course, this is also a very entertaining package for your desktop computer. Cursor Deluxe Plus Cursor Designer is produced by MicroSpeed, Inc., (510) 490-1403

The Telebit WorldBlazer modem effortlessly "screams" through communication, offering effective transmission rates from 300 through 38,400 baud. Higher speeds can be achieved when transmitting data without use of "the twisted pair" (your phone line). The frequency handling and memory capabilities for error-free communication are unequaled in the industry. The WorldBlazer is from Telebit Corporation, 1-800-TELEBIT.

The Pro Audio Spectrum 16 sound card offers data sampling rates and channel separation that will astound you. Features abound: true 16-bit stereo sound, a 20-voice stereo synthesizer, and a MIDI interface. It is compatible with AdLib, Thunder Board, and Sound Blaster driven software. It allows input from a wide range of devices and has on-screen Windows controls for sampling rate, balance, treble and base, loudness, muting, and device input levels.

The card also features a SCSI port (very convenient for your CD-ROM), input jacks for a microphone, and external audio input from a device such as your stereo CD player. Software included allows the sound card to audibly "read" text from a text file or the screen and customize recorded sound files that effectively make a sound studio out of your PC. The only drawback I experienced was a lack of expertise exhibited by their technical support personnel. The Pro Audio Spectrum 16 is produced by Media Vision, 1-800-845-5870

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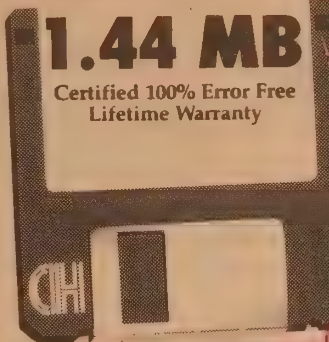

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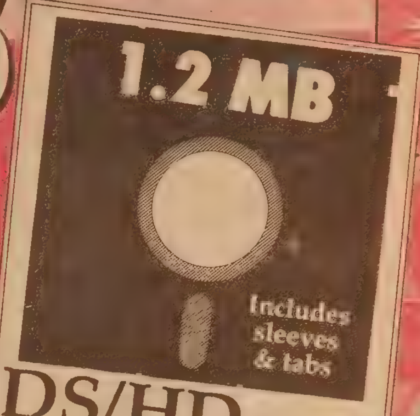

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3M

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3.5″ DD 800	$\$7^{79}$	$\$8^{60}$
3.5″ HD 1.44	11^{90}	12^{89}
5.25″ DD 360	5^{19}	5^{99}
5.25″ HD 1.2	7^{89}	$\$8^{60}$

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5.25″ DD 360 KB	4^{20}
5.25″ HD 1.2 MB	6^{80}

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3.5″ HD 1.44 MB	11^{89}
5.25″ DD 360 KB	5^{29}
5.25″ HD 1.2 MB	7^{99}

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3.5″ DD 800 KB	$\$6^{30}$
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DC2000	40 MB	15^{95}	$*14^{95}$
DC2000	Formatted	24^{79}	n/a
DC2080	80 MB	18^{99}	18^{91}
DC2120	120 MB	21^{95}	20^{79}
DC6150	150 MB	23^{99}	22^{90}
DC6250	250 MB	26^{95}	28^{19}
DC6320	320 MB	29^{90}	29^{90}
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Order No.	Description	Price Each
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SYQ 88	88 MB Syquest Cartridge	129.95

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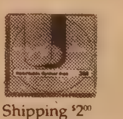

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3M & Verbatim Available

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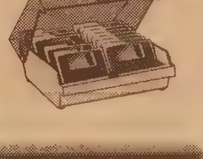

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STACKABLE DISK DRAWERS $\$25^{95}$

Holds 250-320

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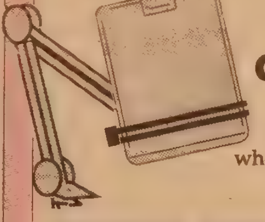

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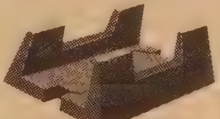

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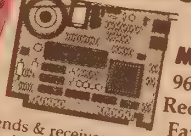

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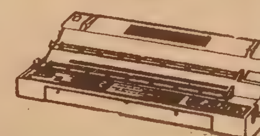

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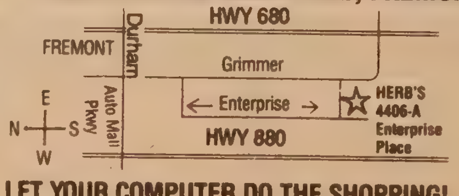

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tance Ethernet repeaters and single-UTP hubs deserve accolades for their innovative ability to squeeze the performance of Ethernet into a single twisted pair. In fact they do more and go farther, on plain DIW. (Tutankhamon, 510/682-6510)

This is the year of the active-matrix color notebook. There are several of them now, but the first machine in the category was the **NEC SL/25C**, and it deserves kudos on a second count as well. I give NEC credit for bringing prices down to a point where more than just a few users can afford to actually work with the best color technology.

Do I have a favorite portable computer? Emphatically, yes, and it's a subnotebook. At under three pounds, the **Gateway2000 HandBook** can give me a thrill wherever I happen to be. It's got a 40MB 2-inch hard disk, bright backlighting, and a keyboard large enough for real typing. There's even a pair of <Alt> and <Ctrl> keys on either side of the spacebar. Unsurpassed power management and ergonomics (for a machine this small), make up for its lack of zip, but watch out next year, Gateway2000. I'm going to expect more pep then, along with a PCMCIA 2.0 slot. (I predict that **PCMCIA** technology will reach the top of this list by mid 1993.)

If you need to do much more than word processing and other lightweight tasks, the **Avanti 486** gets my vote as sexiest notebook powerhouse. Now that Micronics is out of the game with its DX processors and incredibly fast hard disks, BCC's more modest hummer can easily dodge its draft. But it's not bush league. The Avanti excels with great looks, a sticky coating that foils fumble fingers, and a superbly designed A-frame display that opens on a tray table as wide as a pair of Texas-sized ears. Quite a feat for such a little guy. It's packed with functionality too: A 25MHz. Cyrix 486SLC with math chip, a fax-modem, a decent hard disk, and enough memory to really run Windows are all standard.

Iomega blows me away. The **Bernoulli 90 Pro** is the best drive they've ever made, and the company's figured out how to make it for less than the old one. They even got an award for efficient manufacturing. The parallel-port connected Transportable version has peerless compatibility and spectacular performance. Bernoulli finesses the details just the way you like them: great documentation, customer support, and useful software.

Windows is again one of the big software winners. This time it's for **Windows 3.1** with Multimedia Extensions, TrueType fonts, OLE, and a host of other improvements too numerous to mention in a single breath. Once upon a time, this spot might have belonged to OS/2 2.0.

QuickTime. Apple continues to stay ahead of Windows (and consequently the PC) by leading with technology like this. I can only wonder what Cupertino will come up with next year.

TrueType. Ditto. (See QuickTime.) TrueType has been around for a while as a technology, but the products that came out this last year bowled the competition over. In fact, one product may have even bowled itself over. I've heard from insiders at Microsoft that the company may abandon its read-write embedded TrueType fonts. Too much of a stink from Monotype, Microsoft's font foundry, I'll bet. One winner that will still have them: **Softkey's Key Fonts for Windows.** One hundred read-write embeddable TrueType fonts for under $50.

Until this year, map software was useful stuff for planning delivery routes, but pretty damned boring if not downright hard to use. Axxis Software has raised the ante with the **Zagat-Axxis CityGuide.** It's a Windows application with good graphics and a competent interface. The maps are detailed and easy to navigate, and the program computes routes as cleverly as anyone. What sets CityGuide apart is the inclusion of the Zagat database. It's full of recommendations and statistics that will help you pick hotels and restaurants in a strange city, or simply lead you to new haunts in your home town. Excellent.

[Last-minute note: I returned from an out-of-town conference to find a lengthy and frantic message on my answering machine. It was Yacco. It seems that he had neglected to include MicroPhone for Windows on his list because, at the time he made the list, it wasn't shipping. But the beta was so good, etc., etc.... So add another vote for what appears to be, in its assorted flavors, the telecomm product of the year, at least in this bunch's opinion...—ME]

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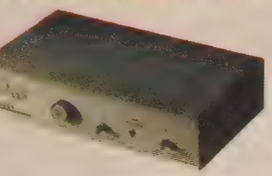
File Format: GIF, TIFF, PCX, CUT, IMG, TGA, FLI & FLC, JPEG.
Input: Composite NTSC, S-Video, Analog RGB.

VINPlus

Convert Computer Image to TV Video



$235

The Vinplus encoder box is the perfect VGA accessory. Its converts the signal from your VGA or SuperVGA computer display into a professional TV video signal. The VGA graphic animation and text is transferred to the VCR, TV or big screen projector in real time. The VinPlus sofware supports most of the standard VGA modes and up to Super VGA 640x480 resolution with 256 colors. The VinPlus is the perfect companion to the SuperVIA digitizer to preview live images during capture process, and to convert your presentations to video. PAL version available.

Input Signal: Analog RGB signal from VGA display adapter, or video RGB.
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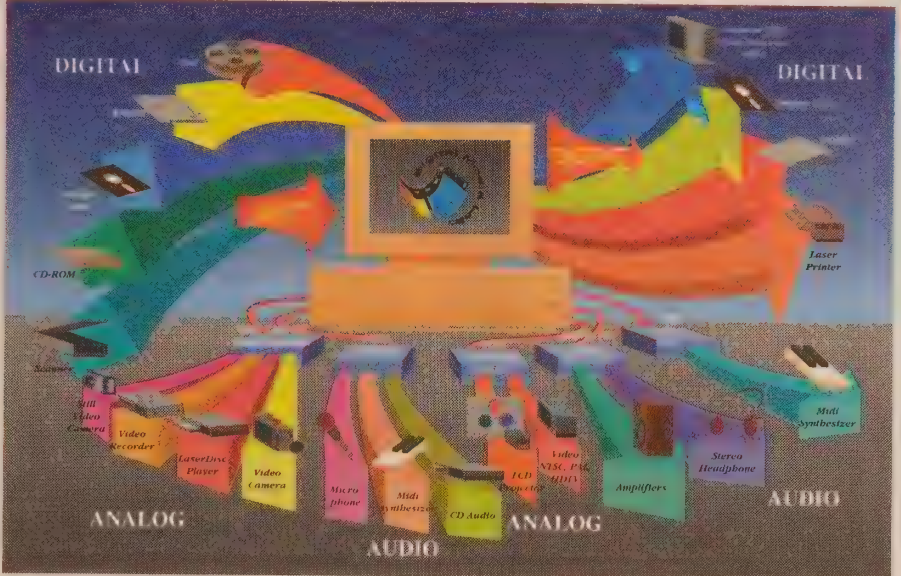
If you need to show true-color images for your technical seminars or client presentations, use ImageQ for Windows to communicate your visuals with the clarity they deserve. Whether it's a simple slide show or a fully interactive presentation, use the programmability and quality of ImageQ to display your 24-bit Targa, BMP and Tiff files. Visual slide sorting, on-the-fly conversion of true-color images to SuperVGA. Automatic creation of presenter notes and viewer handouts.



JOVIAN *MultiMedia Series*

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The flicker-free VideoScan encoder takes high quality graphics from any VGA system and enables you to produce them in superb quality video. The VideoScan supports all IBM standard modes up to 640x480 resolution with any number of color for NTSC video. The VideoScan is the ideal encoder foe Windows or graphics applications with simultaneous display on both VGA and TV monitors. PAL version available.

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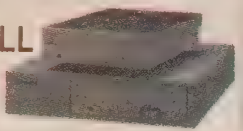

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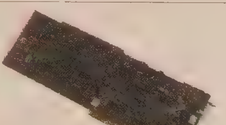
$299 w/o Tempra Pro

AVer 1000VH VGA-TV Board



$495

The AVer 1000VH is a VGA adapter combo allowing flicker-free TV output. The board is comprised of a Tseng Labs VGA chip and a RamDAC allowing 32k color display for Windows and other applications supporting true-color display. The video output has support for composite video, S-Video and RGB.

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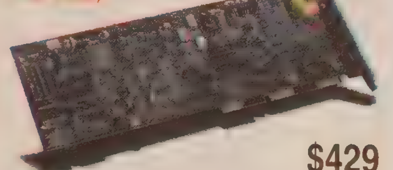
SONIA HI-FI AUDIO BOARD

MCI Ready



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For real CD quality - at very affordable cost - The Sonia audio processor is a digital Stereo Recorder-Playback, with 4 operator FM synthesizer for ADLIB compatibility, MIDI and mixing output controls. The Sonia design is based on a 10 MIPS digital signal processor (DSP) to digitize Stereo audio at 16-Bit resolution with software selectable sampling rates of 16, 22, 32, 44.1, 48 KHz to provide audio comparable to CD-Audio and DAT. Voyetra and MCI drivers are included for midi compability under Windows 3.X

Included with the Sonia is a powerful sound editor software, a Playback and Looping synchronizer software, allowing a non-technical user to synchronise the sound with the animation sequences during play back. A powerful audio tool for creating Animations and Presentations when combined with the Supervia video digitizer

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Featuring "Full Underscan" Video

The First low cost "PRO" scan converter for IBM and MAC

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Targa+ Compatible

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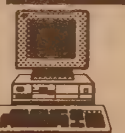

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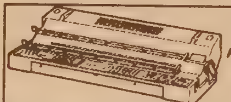

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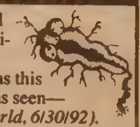

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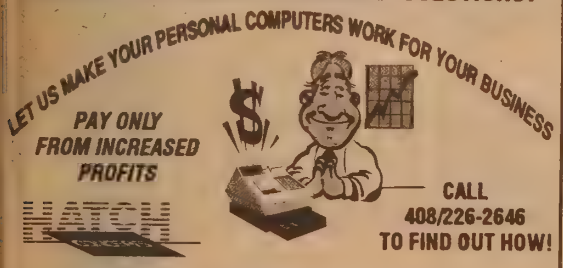
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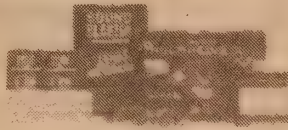

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System:	386SX 25MHz	386DX 25MHz	386DX 33MHz w/64K Cache	386DX 40MHz w/64K Cache	486DX 33MHz w/Cyrix CPU & Co-Processor w/64K Cache	486SX 25MHz w/64K Cache	486DX 33MHz w/64K Cache	486DX2 50MHz w/64K Cache	486DX 50MHz w/64K Cache	486DX2 66MHz w/256K Cache	EISA 486DX 33MHz w/64K Cache	EISA 486DX 50MHz w/64K Cache	EISA 486DX2 66MHz w/64K Cache
Main Board & CPU	$105	$111	$153	$169	$315	$225	$488	$559	$698	$730	$659	$857	$877
Basic System:	275	280	330	345	480	390	645	720	866	888	815	1035	1060
Basic System:+ 40MB Hard Disk	420	450	485	500	640	550	799	875	1020	1045	970	1190	1215
Basic System:+ 4M RAM, + 80MB H-Disk	552	578	615	635	776	680	940	1010	1150	1180	1109	1329	1355
Basic System:+ 4M RAM,+105MB H-Disk	566	592	629	648	790	694	951	1024	1163	1193	1122	1342	1366
Basic System:+ 4M RAM,+120MB H-Disk	587	614	650	670	812	715	972	1044	1184	1214	1143	1363	1386
Basic System:+ 4M RAM,+130MB H-Disk	605	632	668	688	830	733	989	1062	1202	1231	1161	1381	1404
Basic System:+ 4M RAM,+170MB H-Disk	645	670	705	725	870	766	1028	1101	1240	1270	1199	1419	1443
Basic System:+ 4M RAM,+200MB H-Disk	670	695	730	750	895	790	1050	1125	1264	1294	1223	1443	1467
Basic System:+ 4M RAM,+340MB H-Disk	999	1015	1065	1085	1222	1116	1380	1450	1593	1622	1550	1770	1795
Basic System:+ 4MB RAM +1.2M &1.44 Floppy Drive,+105MB H-Disk, VGA & Color Monitor	845	878	910	925	1074	960	1225	1295	1435	1460	1395	1615	1640
Basic System:+ 4MB RAM +1.2M & 1.44 Floppy Drive,+120MB H-Disk, Super VGA & Monitor (1024x768 Res. 0.28 Dot, 1M RAM)	907	913	944	959	1108	993	1258	1328	1468	1493	1444	1670	1700
Basic System:+ 4MB RAM +1.2M & 1.44 Floppy Drive,+170MB H-Disk, Super VGA & Monitor (1024x768 Res. 0.28 Dot, 1M RAM)	963	970	1000	1015	1165	1049	1313	1383	1523	1548	1499	1725	1755
Basic System:+ 4MB RAM +1.2M & 1.44 Floppy Drive,+200MB H-Disk, Super VGA & Monitor (1024x768 Res. 0.28 Dot, 1M RAM)	985	995	1023	1037	1187	1071	1335	1405	1545	1570	1521	1747	1777

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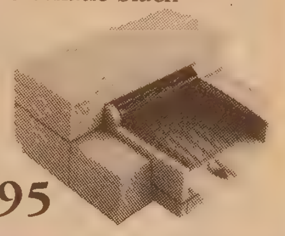

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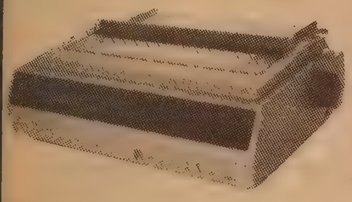

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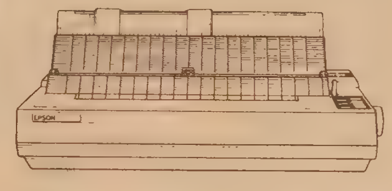

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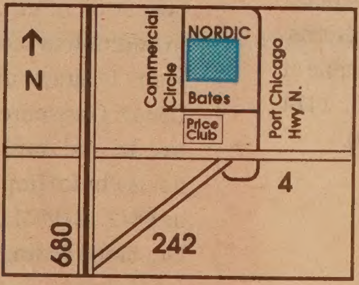

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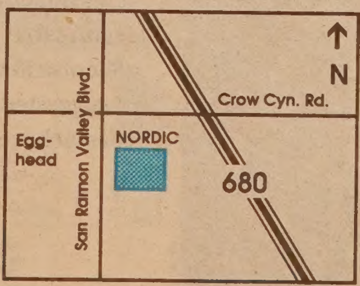

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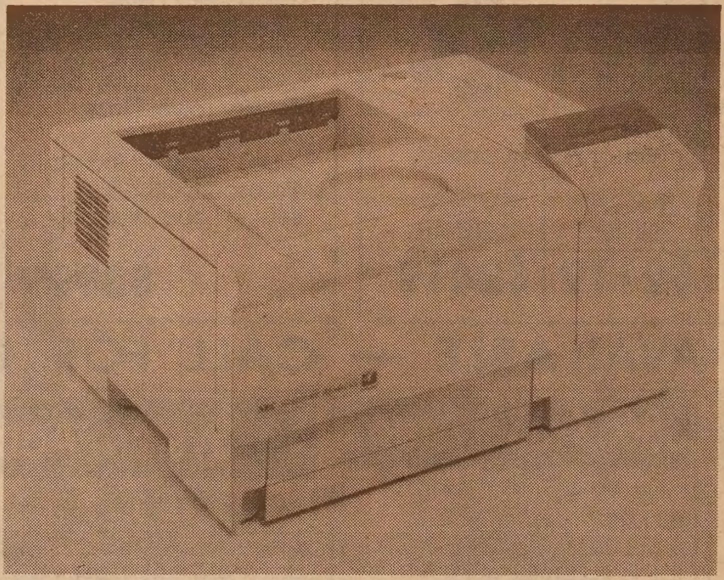
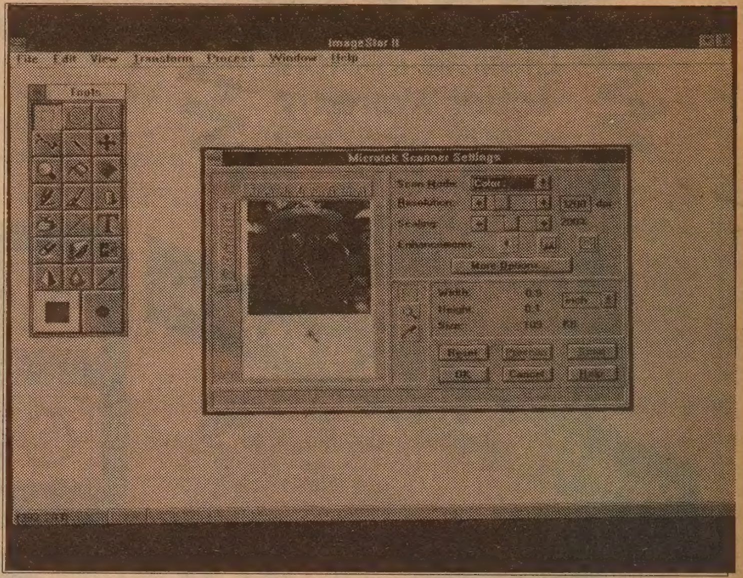
The Image Xpert 5000 high-resolution, PostScript-compatible plain paper printing system consists of two components: a 600 dpi, B-sized laser printer engine rated at 8ppm for letter sized page output and a LaserPix 5.0 printer controller which the user installs in many Windows capable IBM-compatible personal computers. The printer and PC-resident controller enhances the printer's standard 600 x 600 output resolution to 1200 x 1200dpi for text and line art and the equivalent of 2400dpi for gray scale images. A new feature to XLI's LaserPix 5.0 is the ability to process PostScript from any source on a network, including non-Windows computers. PostScript compatibility is provided using the latest version of Zenographics' SuperPaint software that also provides printer and font management capabilities. ($6995) XLI Corp., 800 W. Cummings Park., Suite 6650, Woburn, MA 01801. (617)932-9199.



NEC SILENTWRITER 95FX

The Silentwriter 95fx integrates PostScript language fax capability with a 6ppm laser writer. This fax option is available to thousands of existing Silentwriter Model 95 users. This will enable PC and Macintosh users to send and receive faxes. Using NEC supplied software drivers, documents can be sent from any PC, Windows, or Macintosh application. Other features and benefits include, inexpensive shared faxing, auto/retry functions that frees users from checking the status of outgoing faxes, customized cover sheets, confirmation sheet, and a built-in phonebook with a broadcast feature that enables users to transmit faxes to multiple locations. (Silentwriter Model 95fx is $2348. Fax option upgrade is available at a suggested retail price of $599) NEC Technologies, Inc., 1414 Massachusetts Ave., Boxborough, MA 01719. (508)264-8000.



SCANMAKER II

The ScanMaker II offers affordable grayscale and color scanning and is bundled with image edition software—Adobe PhotoShop LE (limited edition) for the Mac or Microtek's ImageStar II for Windows. It features three pass, 24-bit color scanning with 8-bit grayscale scanning. The new electronic design, coupled with optimized scanner driver software has resulted in an increase in color scanning speed of 50% over previous ScanMaker models. For the higher-end professional user, Microtek offers the ScanMaker IIex that also includes Savitar's Scan Match, an input color calibration system. (ScanMaker II, $950; ScanMaker IIex, $1350) Microtek Lab, Inc., 680 Knox St., Torrance, CA 90502. (213)321-2121.

SPECTRA STAR Q10

The Q10 color thermal printer comes standard with Pantone-certified color matching, 6MB of RAM, and twenty fonts, upgradable to 10MB and fifty-two fonts. It uses a 20MHz, Intel 80960 RISC processor for extremely quick throughput. The printers auto-sense feature automatically selects and uses the appropriate port: serial, parallel, or AppleTalk. ($4999, upgrade to 10MB with fifty-two fonts is $1399) General Parametrics Corp., 1250 Ninth St., Berkeley, CA 94710. (510)524-3950.

UC840 COLOR SCANNER

The UC840 is a flatbed, 24-bit color image scanner with resolution of 800dpi. A three-pass mode uses a single light source with three color filters to scan without vertical color offset that often occurs in a three-lamp/one-pass system. In addition to scanning 16.8 million colors, the UC840 also scans in grayscale, halftone, or line art modes. With the UMAX Transparency Adapter, the UC840 scans both reflective art and transmissive material. Bundled with the scanner is PhotoShop 2.0 for Mac and Image-In Color for the PS or PS/2. ($1995) UMAX Technologies, Inc., 3170 Coronado Dr., Santa Clara, CA 95054. 1-800-562-0311.

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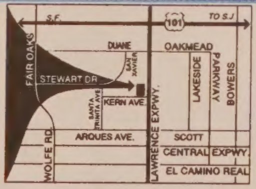

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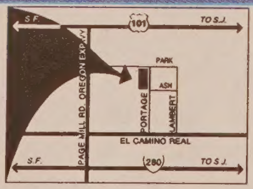

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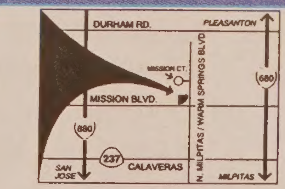

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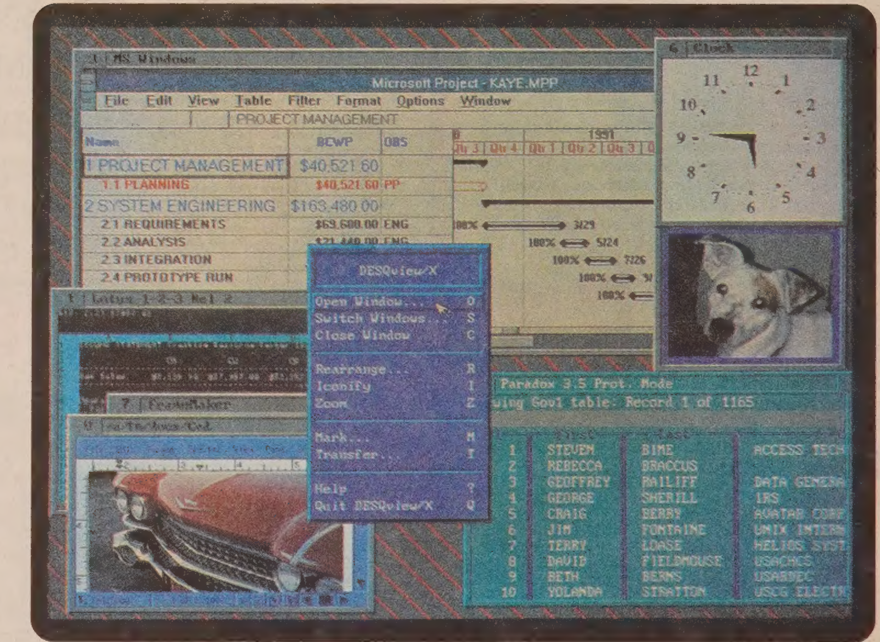

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